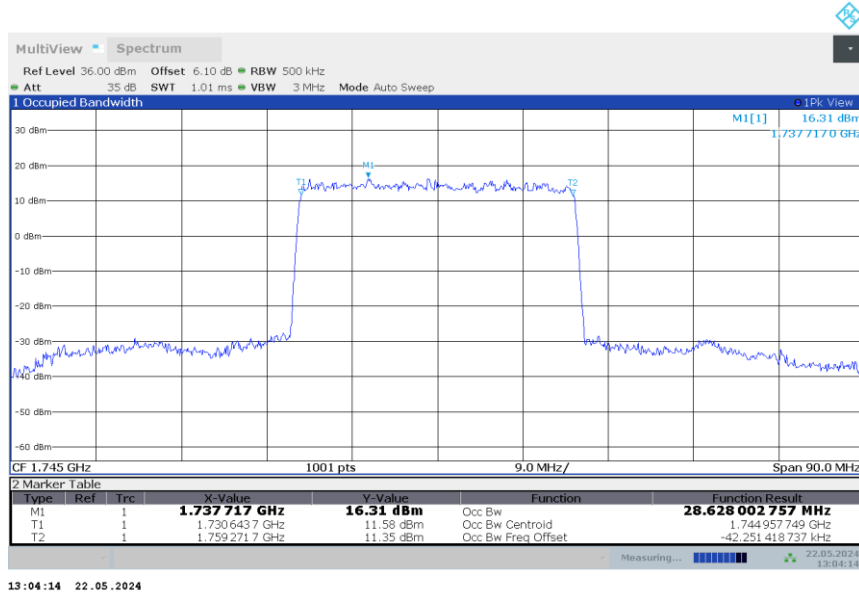


n66  
n66,30MHz(99%)

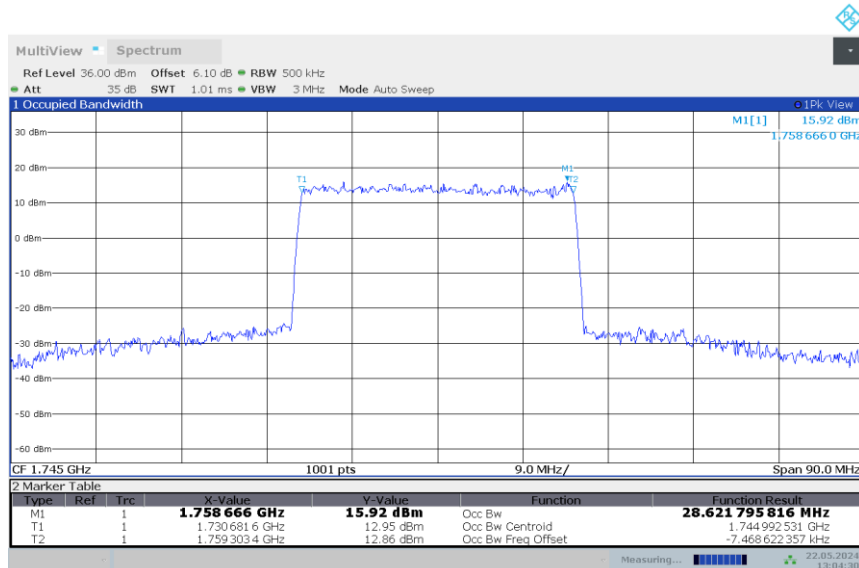
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1745	28.628	28.622

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



13:04:14 22.05.2024

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



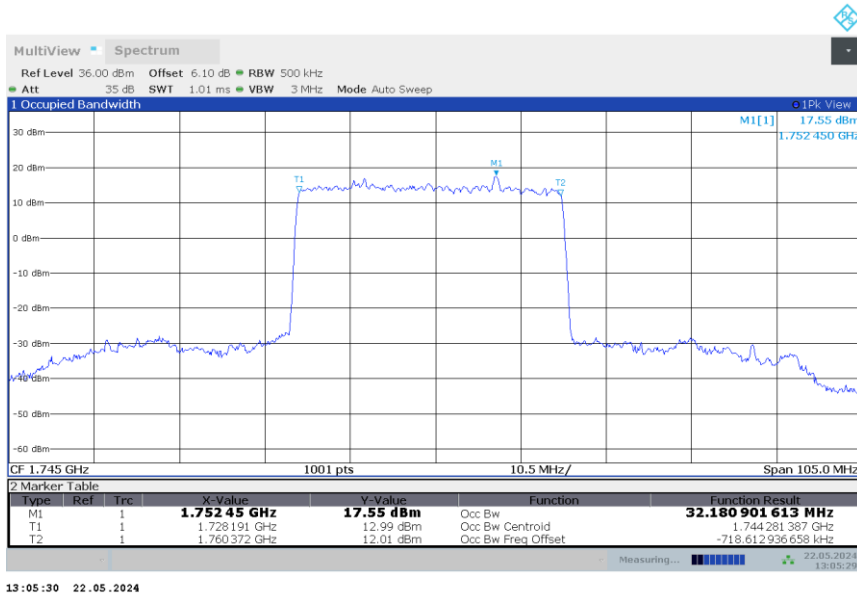
13:04:31 22.05.2024

n66

n66,35MHz(99%)

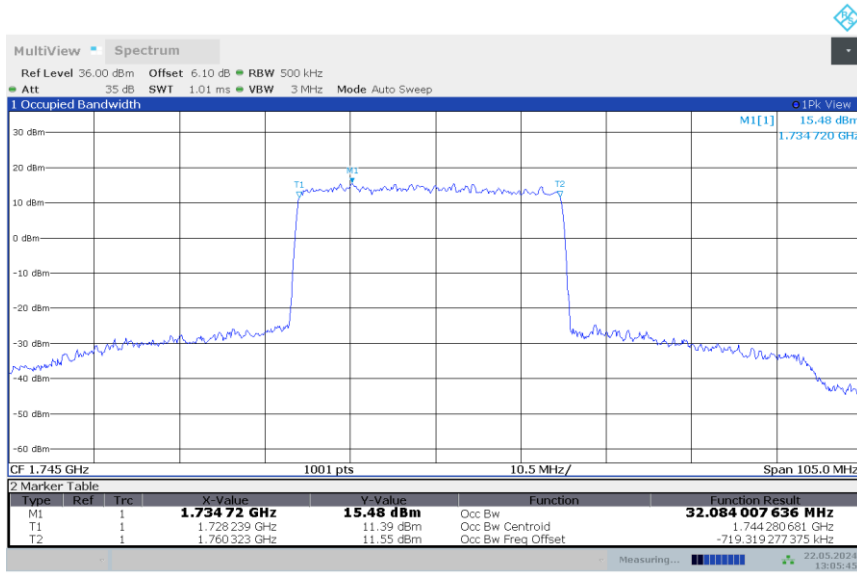
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1745	32.181	32.084

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



13:05:30 22.05.2024

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

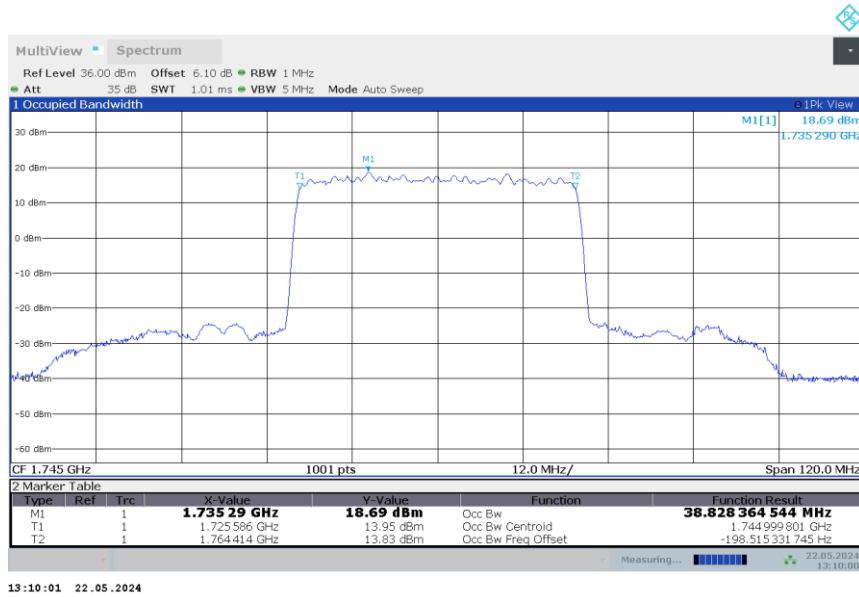


13:05:46 22.05.2024

n66  
n66,40MHz(99%)

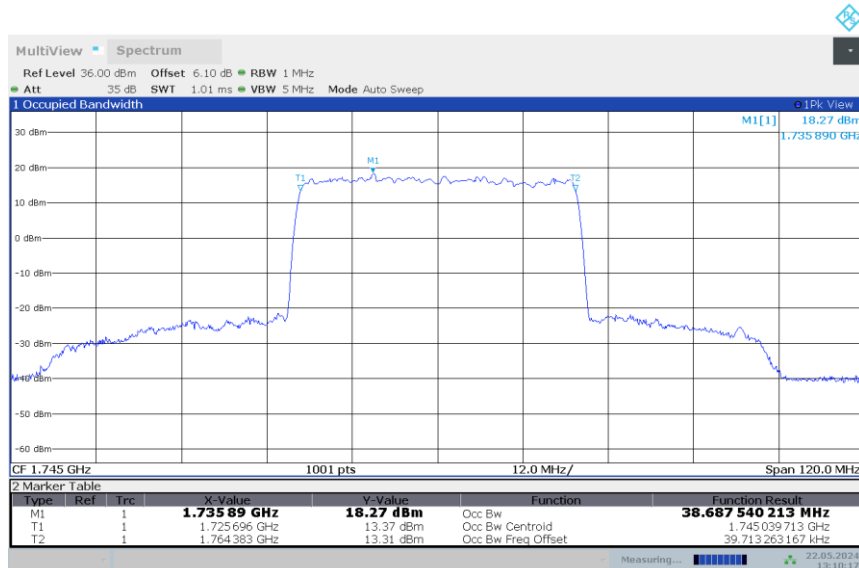
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1745	38.828	38.688

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



13:10:01 22.05.2024

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

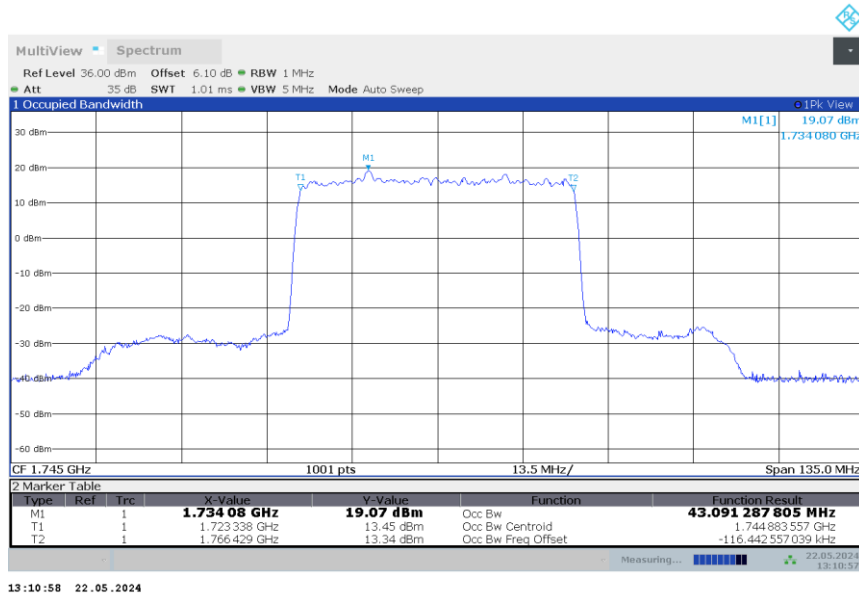


13:10:17 22.05.2024

n66  
n66,45MHz(99%)

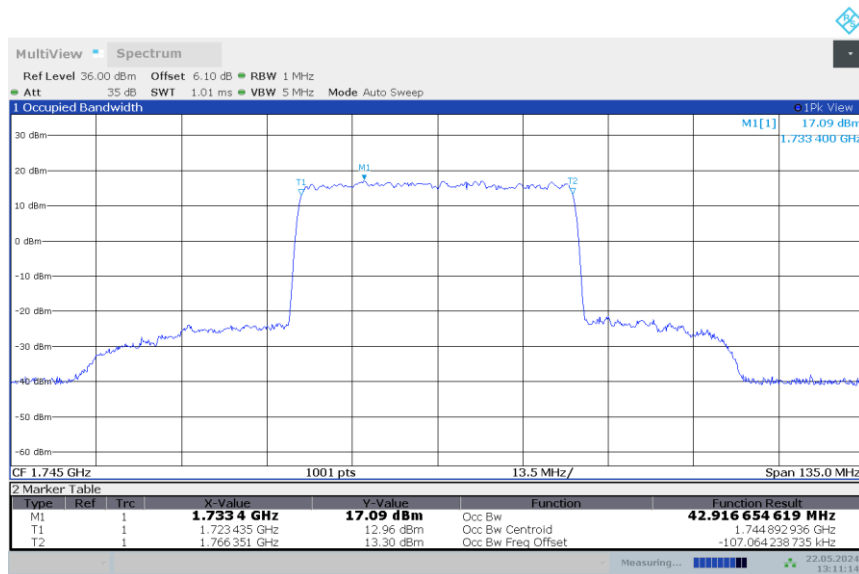
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1745	43.091	42.917

n66,45MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



13:10:58 22.05.2024

n66,45MHz Bandwidth,DFT-s-QPSK (99% BW)

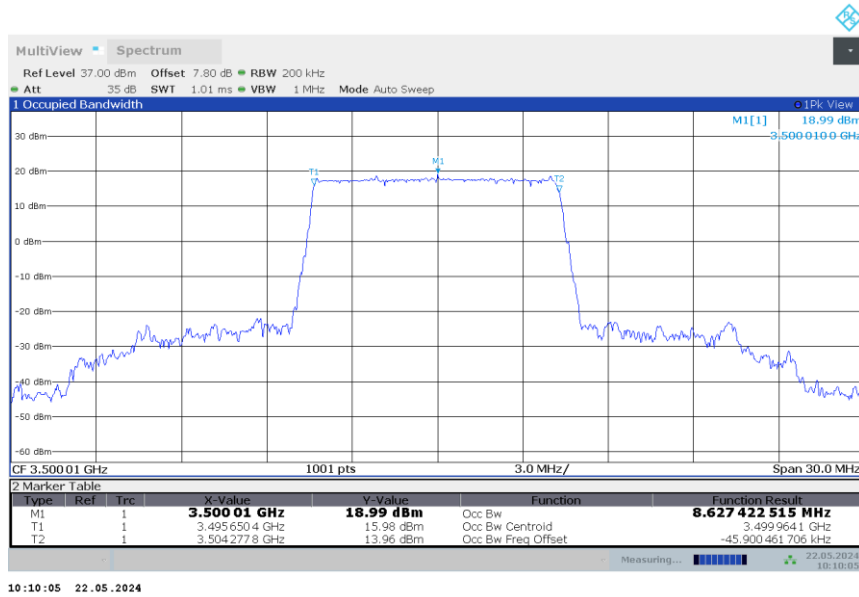


13:11:14 22.05.2024

n77L  
n77L,10MHz(99%)

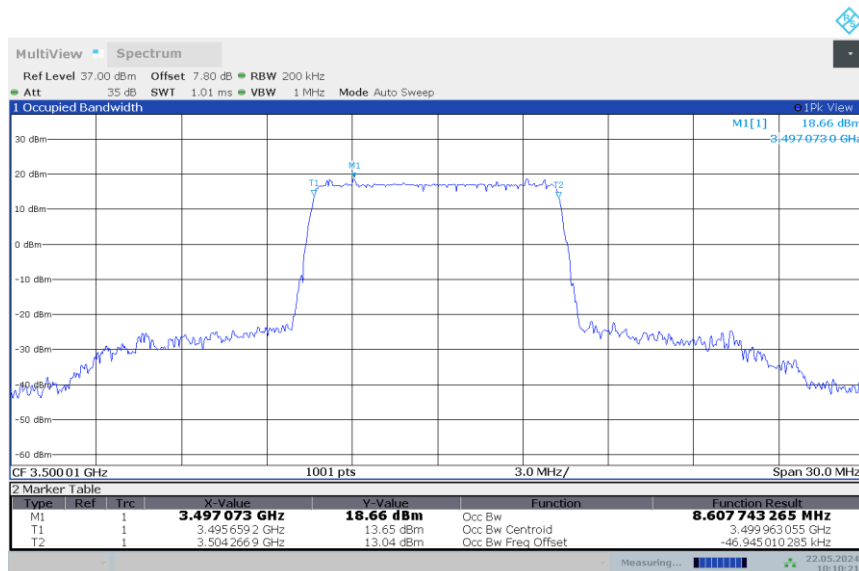
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	8.627	8.608

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



10:10:05 22.05.2024

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

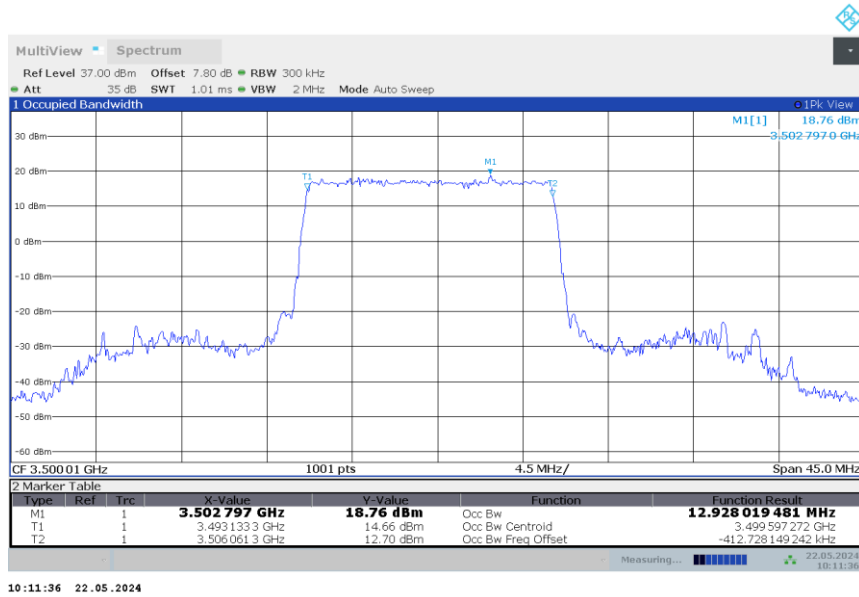


10:10:22 22.05.2024

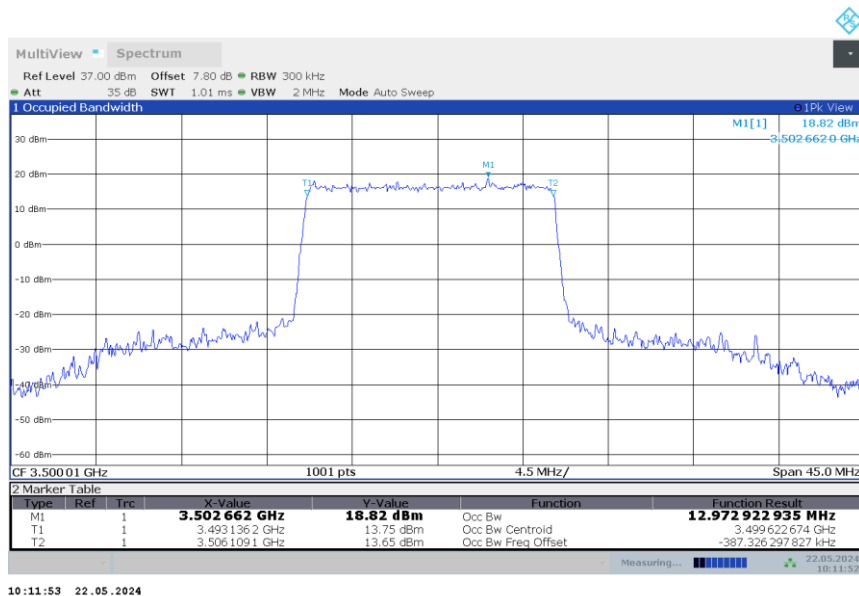
n77L  
n77L,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	12.928	12.973

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



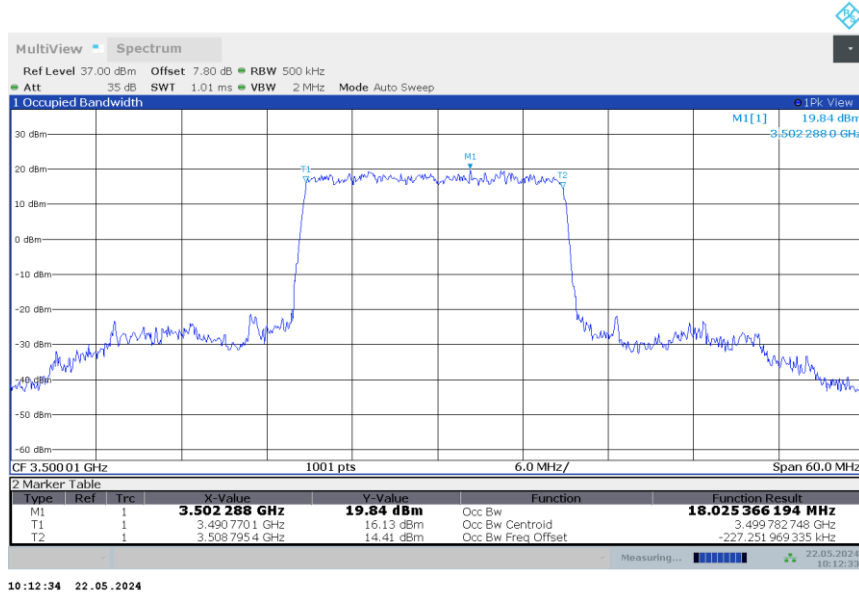
n77L,15MHz Bandwidth,DFT-s-QPSK (99% BW)



n77L  
n77L,20MHz(99%)

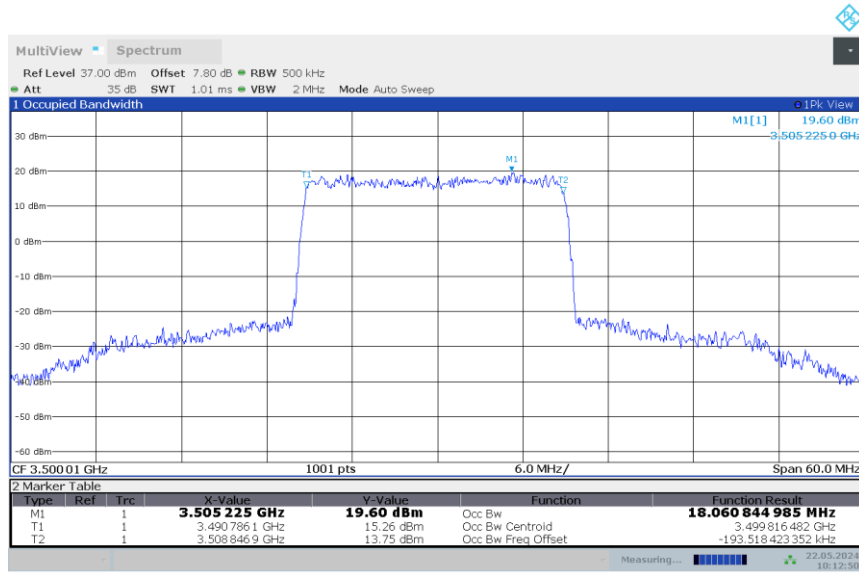
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	18.025	18.061

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



10:12:34 22.05.2024

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

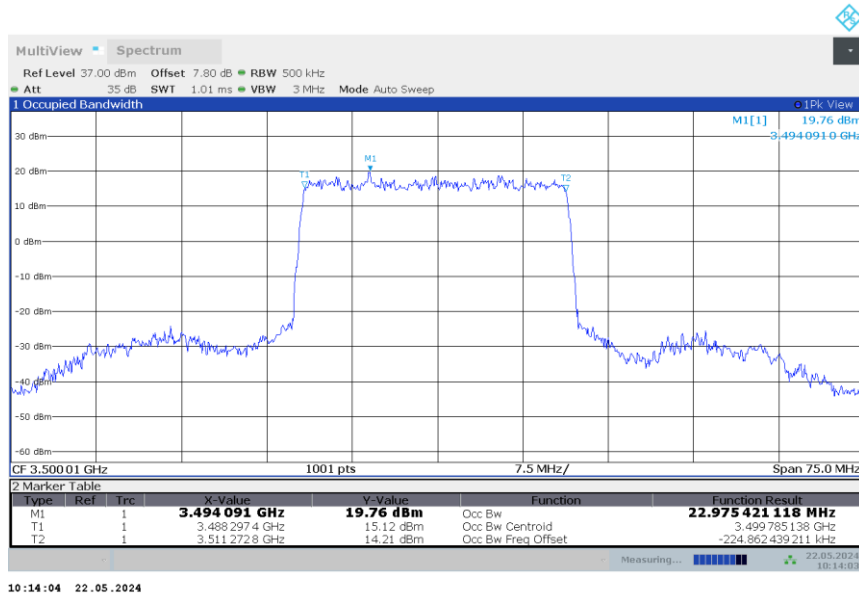


10:12:51 22.05.2024

n77L  
n77L,25MHz(99%)

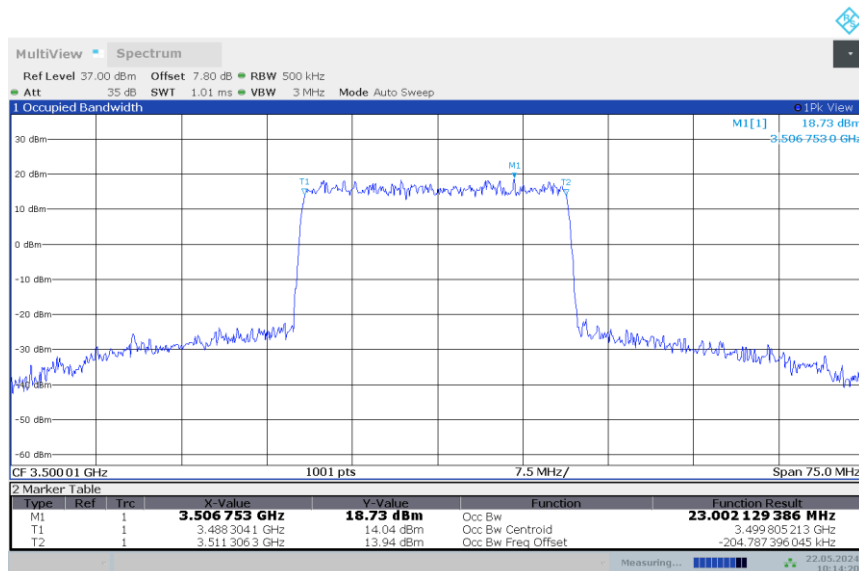
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	22.975	23.002

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



10:14:04 22.05.2024

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



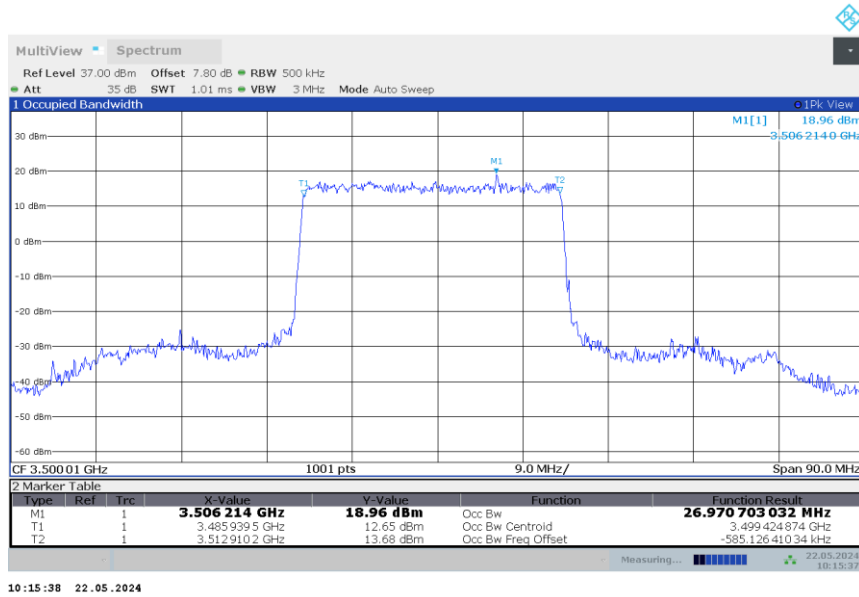
10:14:21 22.05.2024



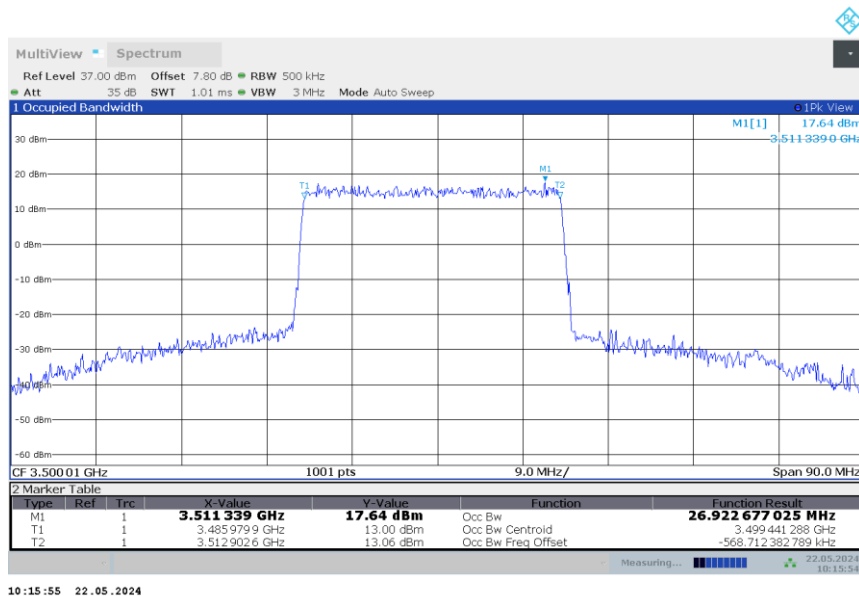
n77L  
n77L,30MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	26.971	26.923

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



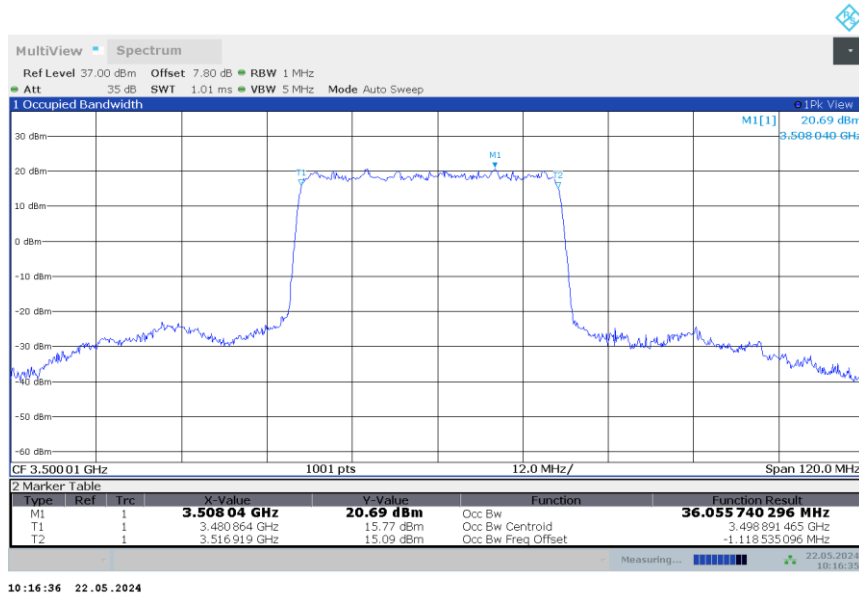
n77L,30MHz Bandwidth,DFT-s-QPSK (99% BW)



n77L  
n77L,40MHz(99%)

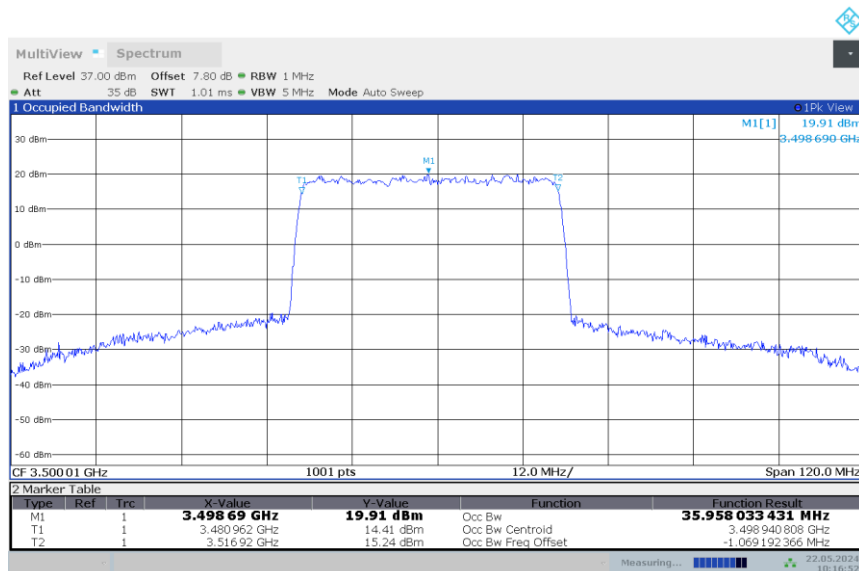
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	36.056	35.958

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



10:16:36 22.05.2024

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

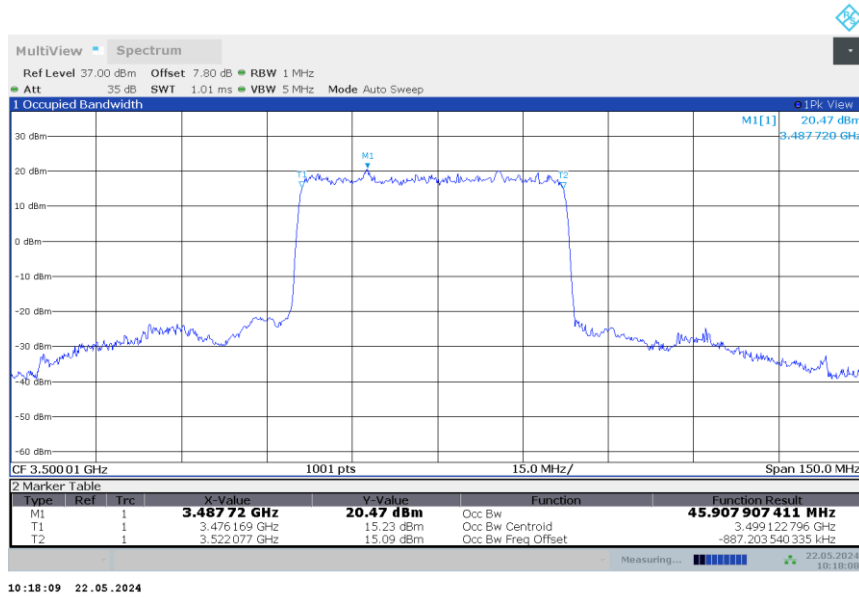


10:16:52 22.05.2024

n77L  
n77L,50MHz(99%)

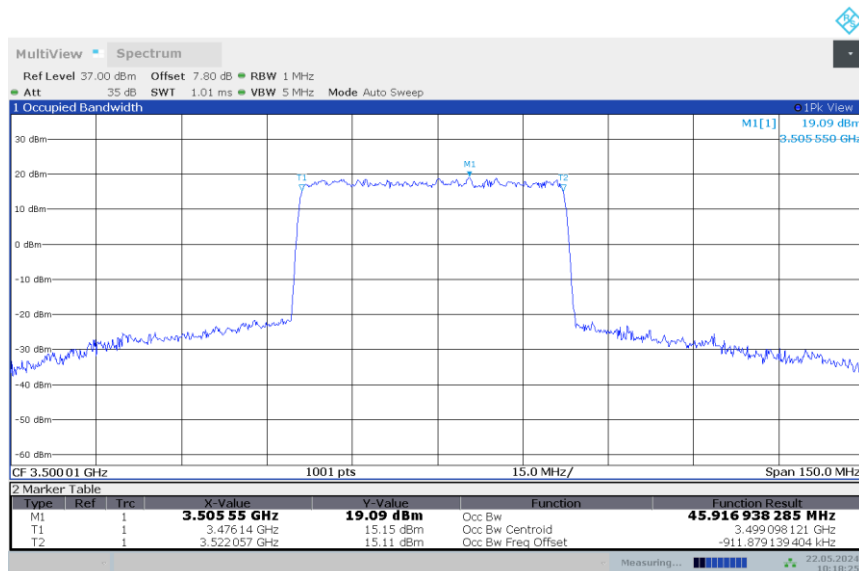
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	45.908	45.917

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



10:18:09 22.05.2024

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

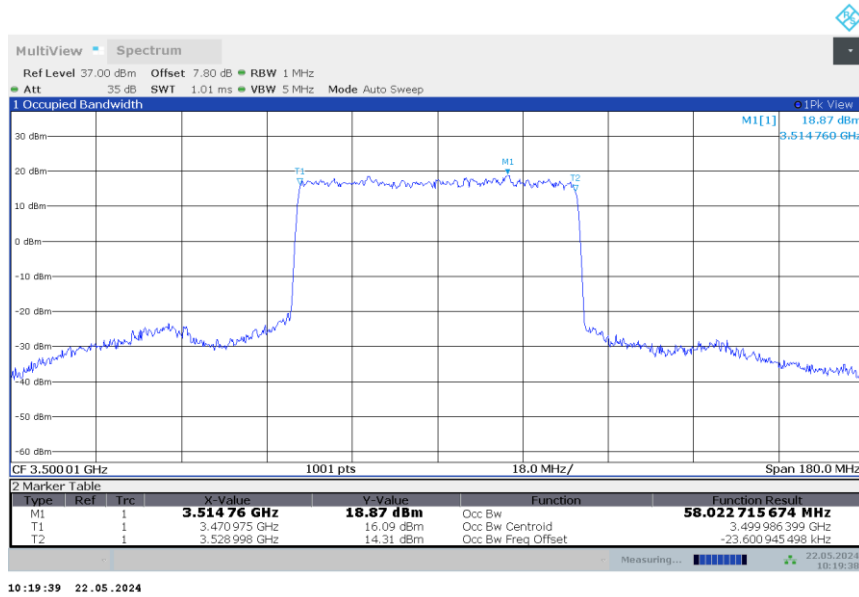


10:18:26 22.05.2024

n77L  
n77L,60MHz(99%)

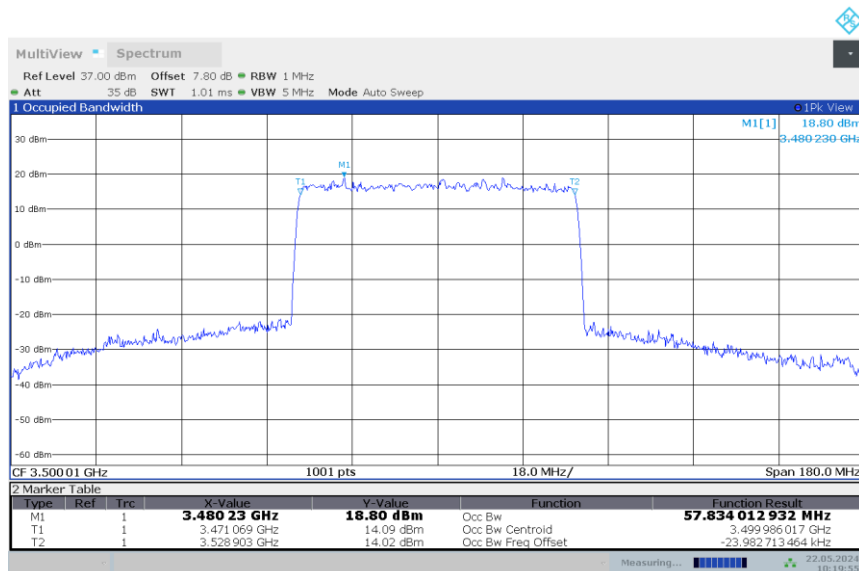
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	58.023	57.834

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



10:19:39 22.05.2024

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

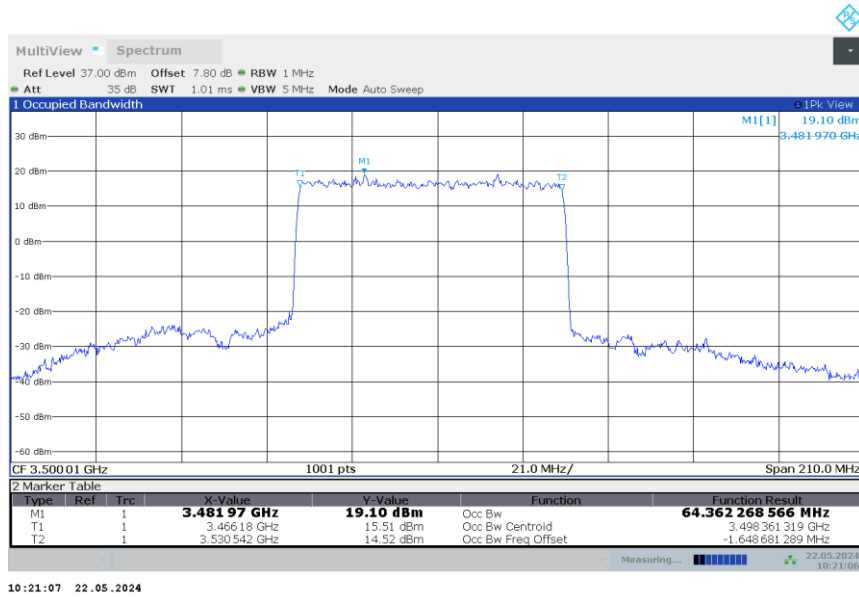


10:19:56 22.05.2024

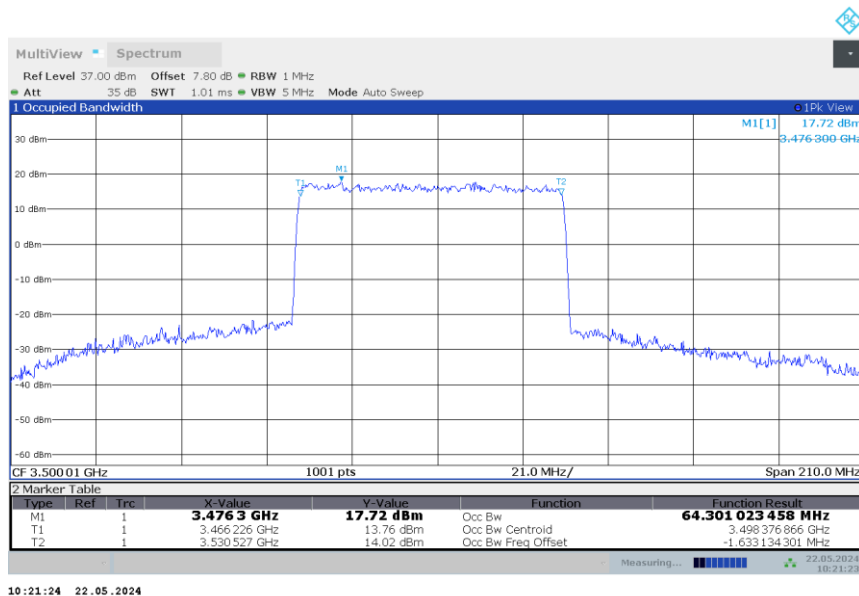
n77L  
n77L,70MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	64.362	64.301

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



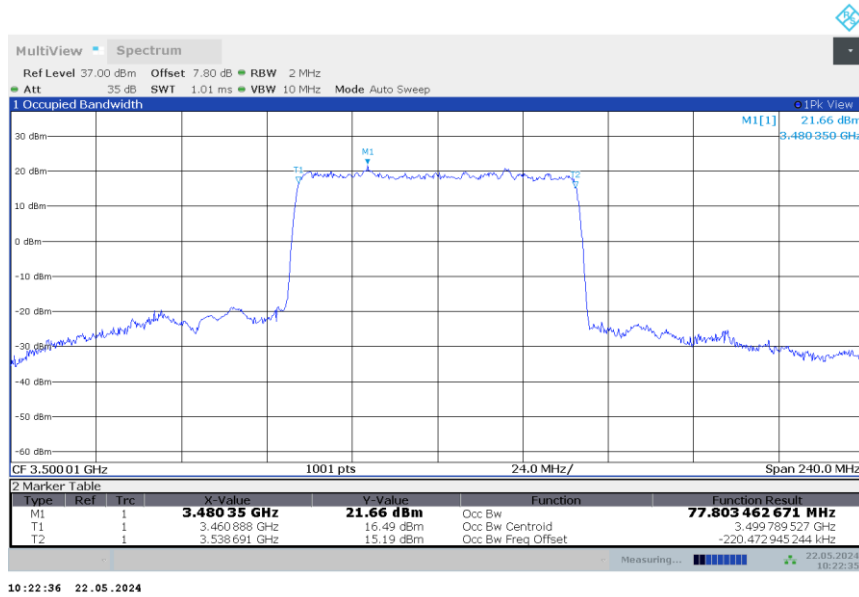
n77L,70MHz Bandwidth,DFT-s-QPSK (99% BW)



n77L  
n77L,80MHz(99%)

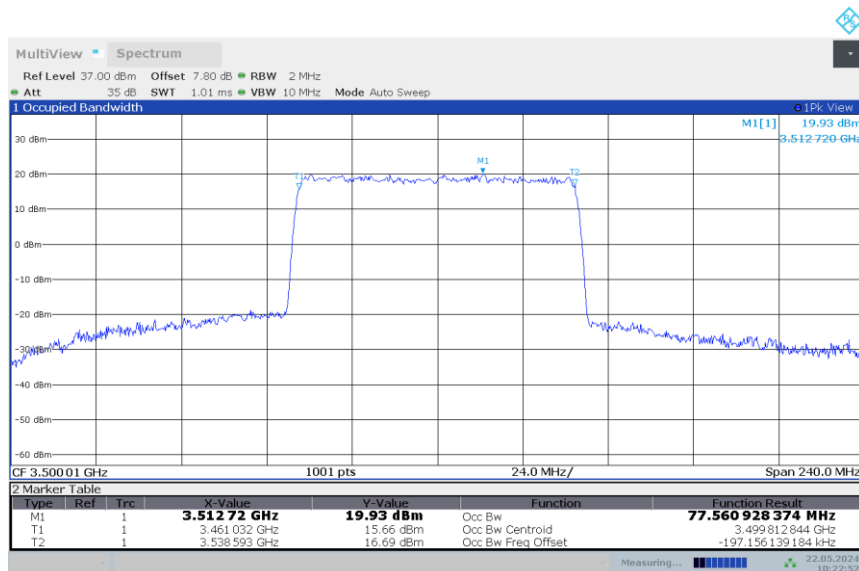
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	77.803	77.561

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



10:22:36 22.05.2024

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

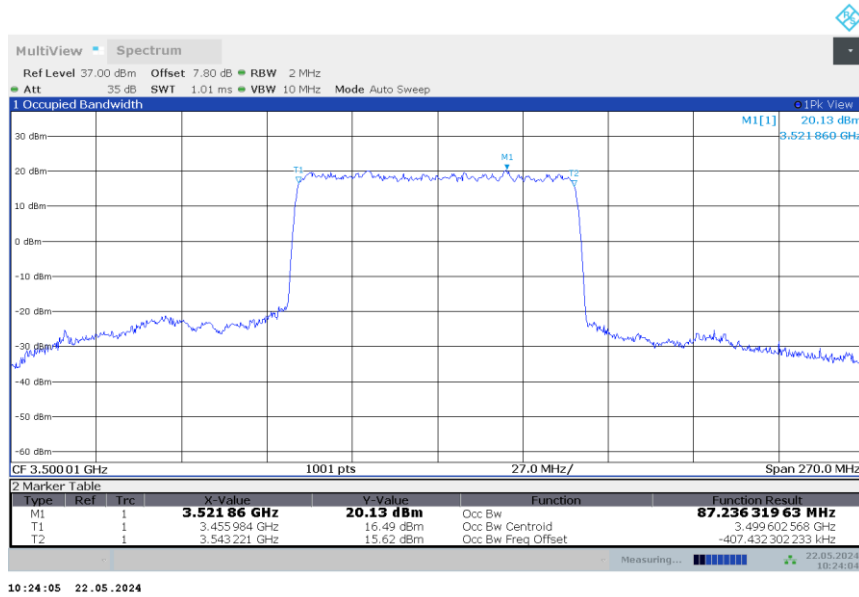


10:22:53 22.05.2024

n77L  
n77L,90MHz(99%)

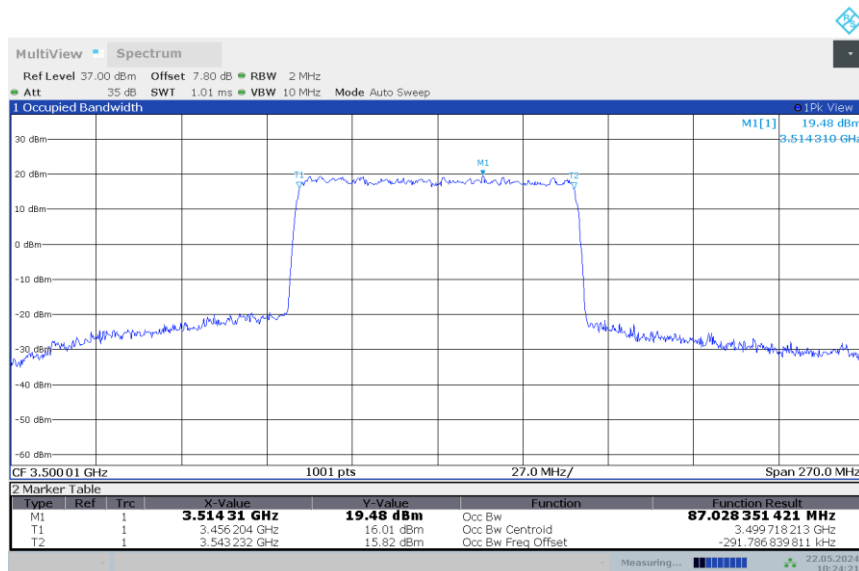
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	87.236	87.028

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



10:24:05 22.05.2024

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



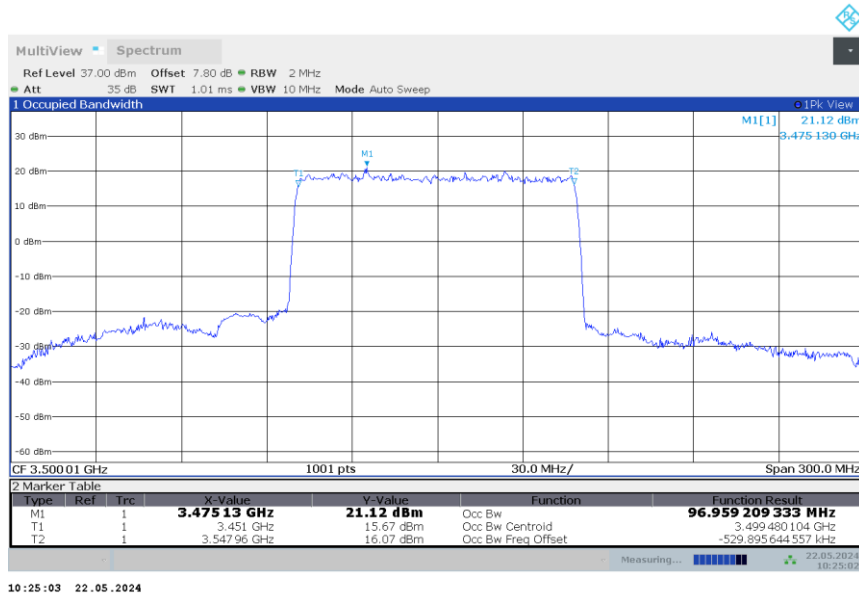
10:24:22 22.05.2024

n77L

n77L,100MHz(99%)

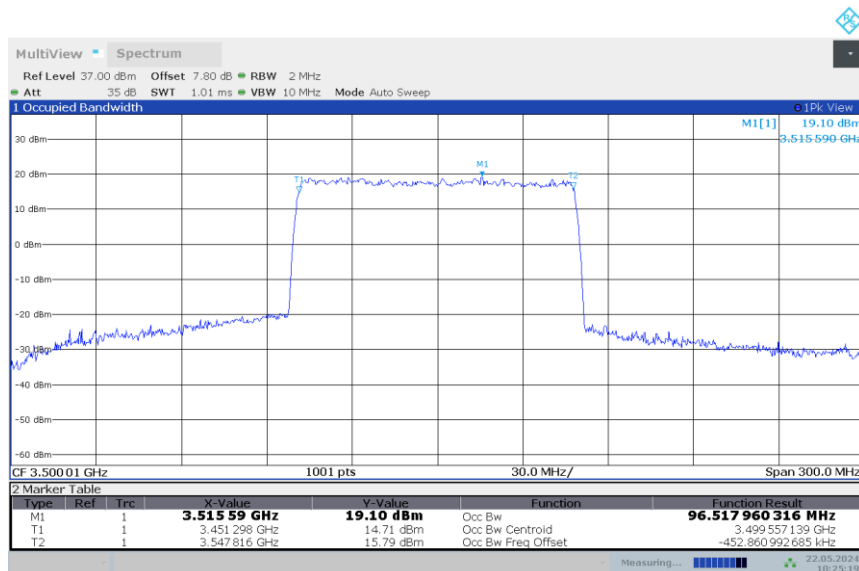
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	96.959	96.518

n77L,100MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



10:25:03 22.05.2024

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



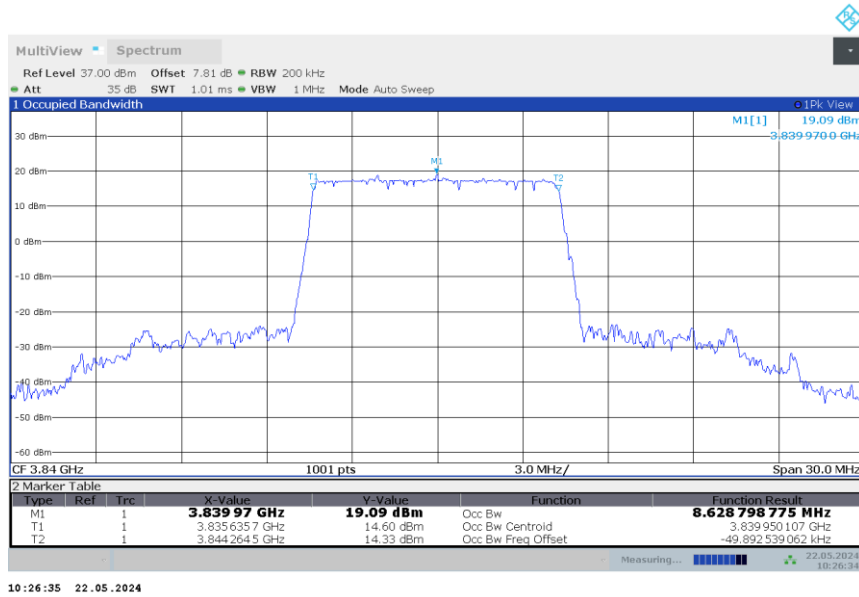
10:25:19 22.05.2024



n77H  
n77H,10MHz(99%)

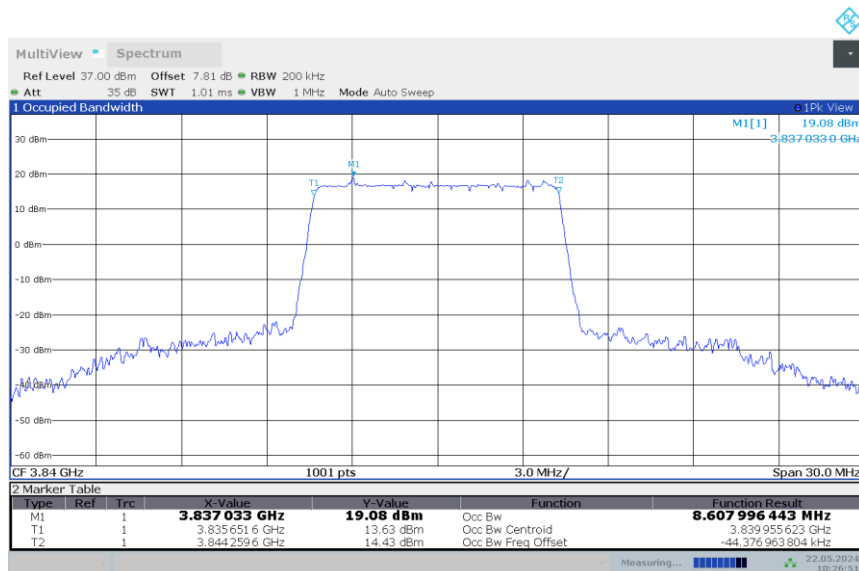
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	8.629	8.608

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



10:26:35 22.05.2024

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

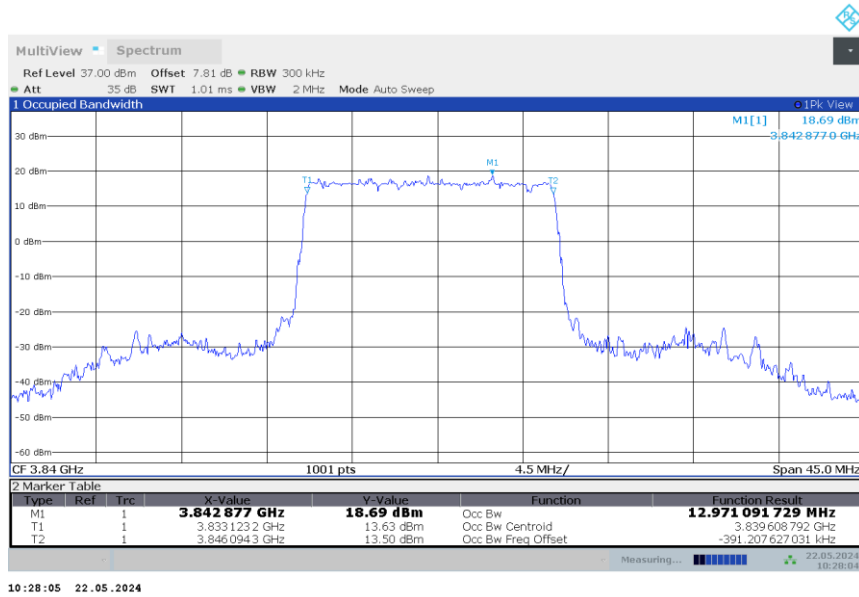


10:26:51 22.05.2024

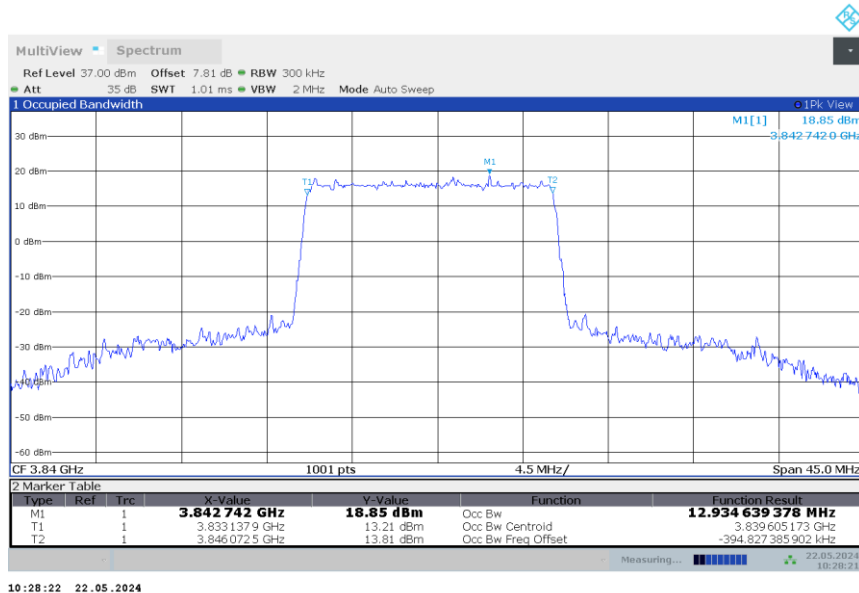
n77H  
n77H,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	12.971	12.935

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



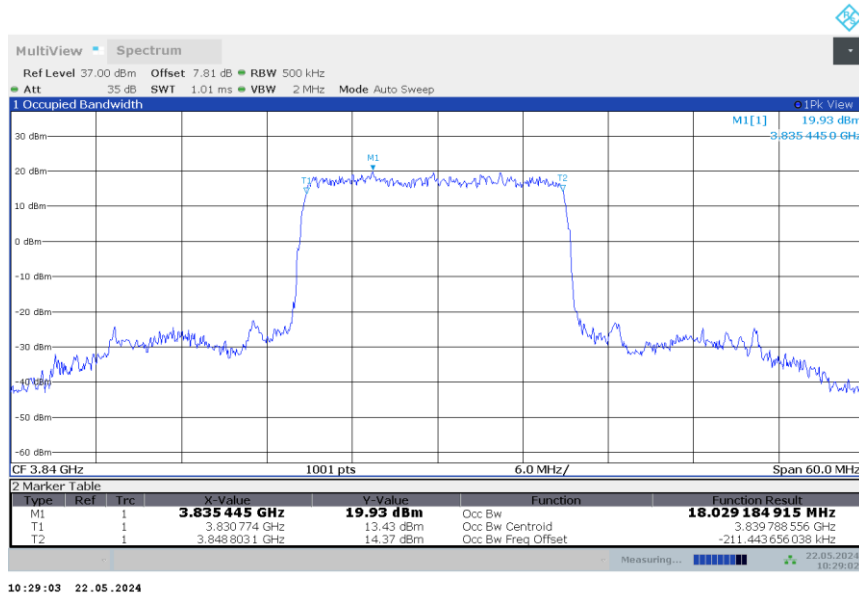
n77H,15MHz Bandwidth,DFT-s-QPSK (99% BW)



n77H  
n77H,20MHz(99%)

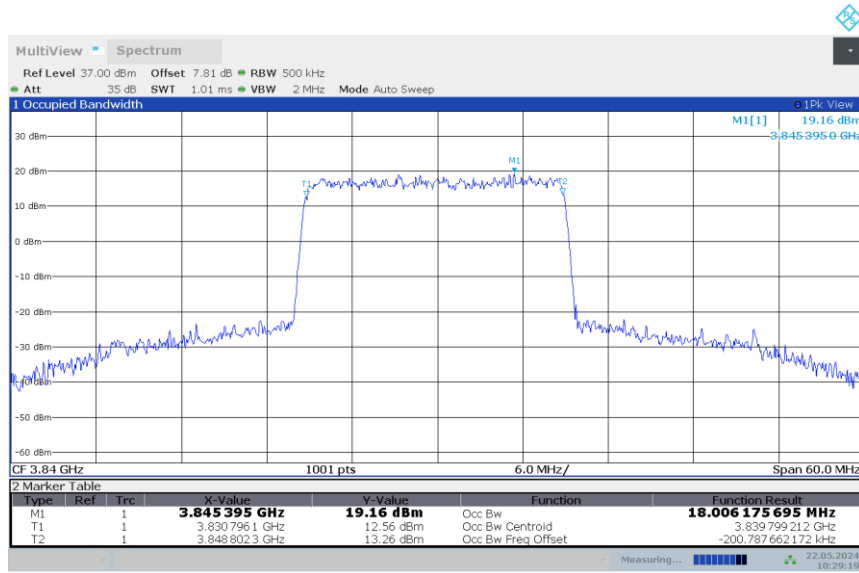
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	18.029	18.006

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



10:29:03 22.05.2024

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

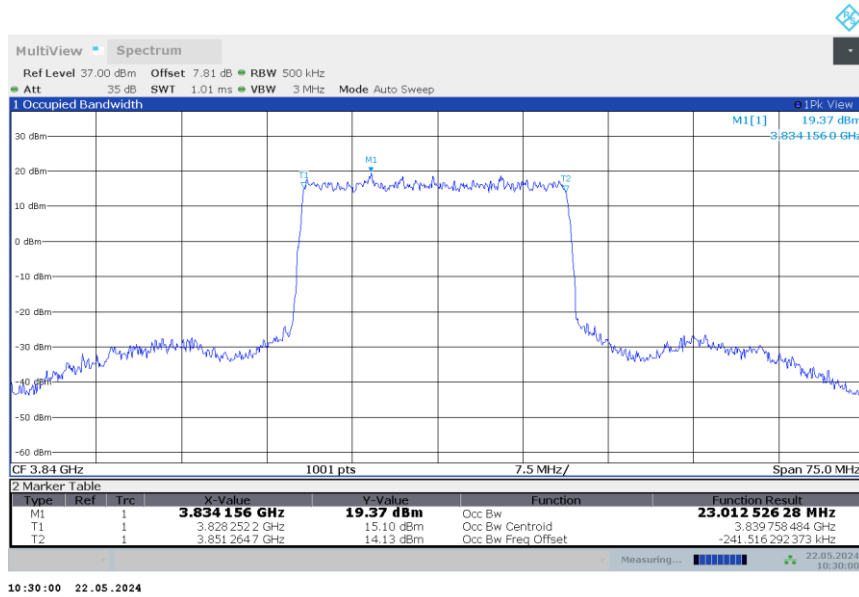


10:29:19 22.05.2024

n77H  
n77H,25MHz(99%)

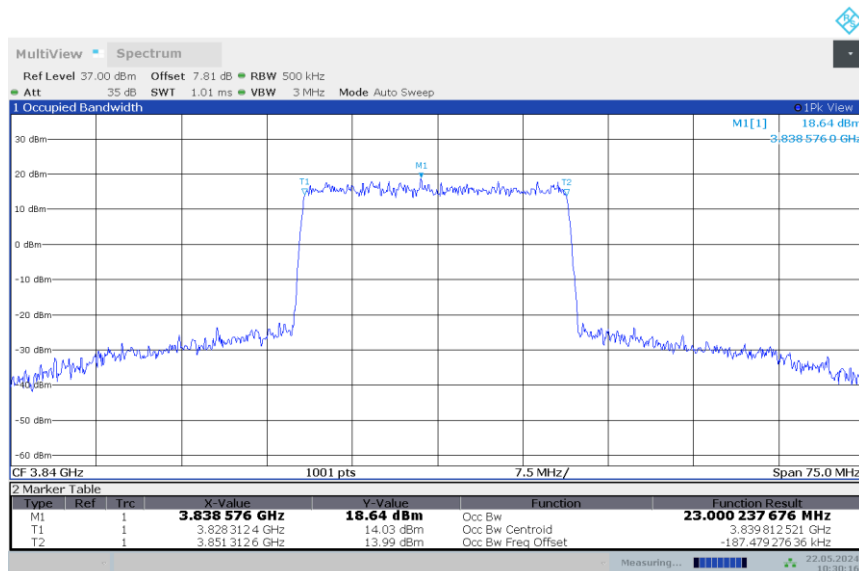
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	23.013	23.000

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



10:30:00 22.05.2024

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



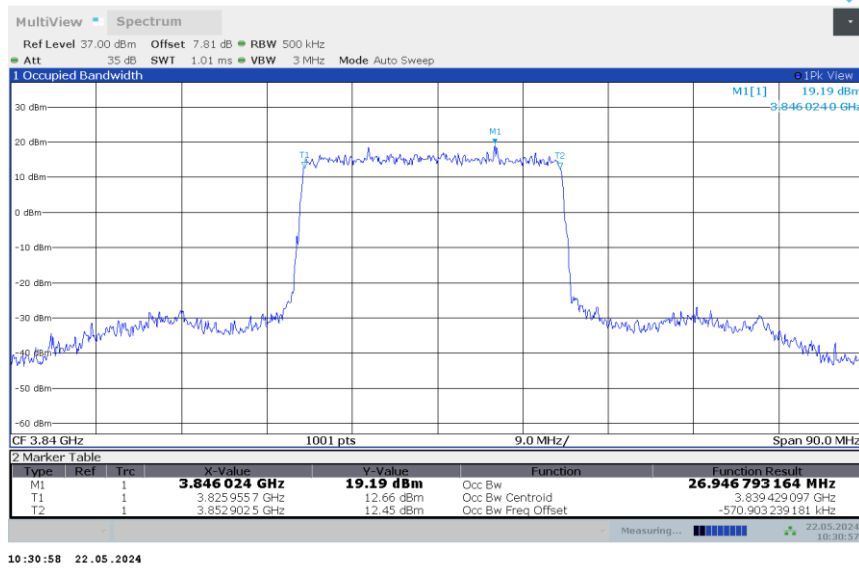
10:30:17 22.05.2024

n77H

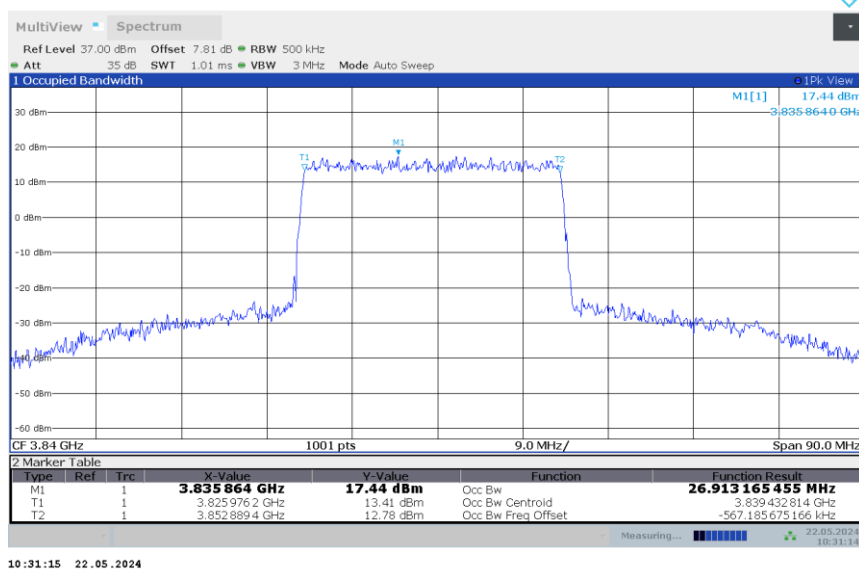
n77H,30MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	26.947	26.913

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



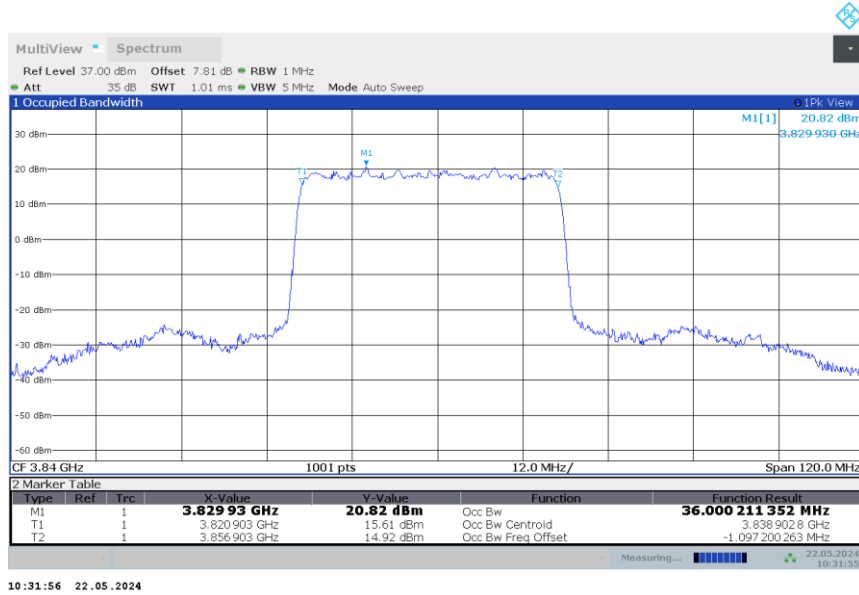
n77H,30MHz Bandwidth,DFT-s-QPSK (99% BW)



n77H  
n77H,40MHz(99%)

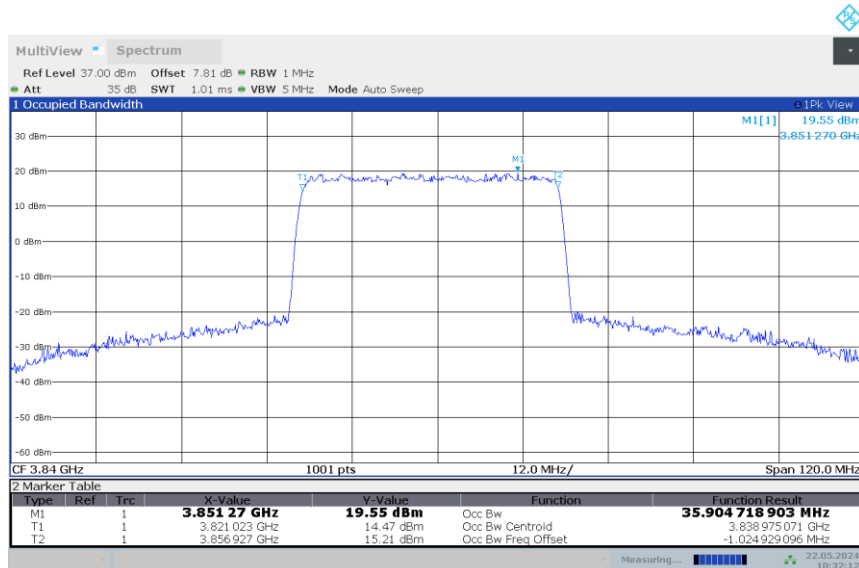
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	36.000	35.905

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



10:31:56 22.05.2024

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

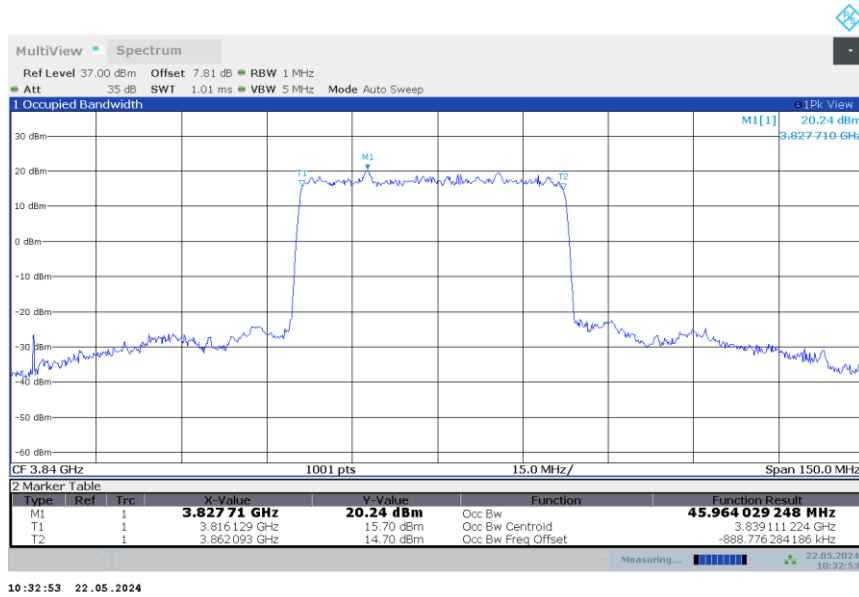


10:32:13 22.05.2024

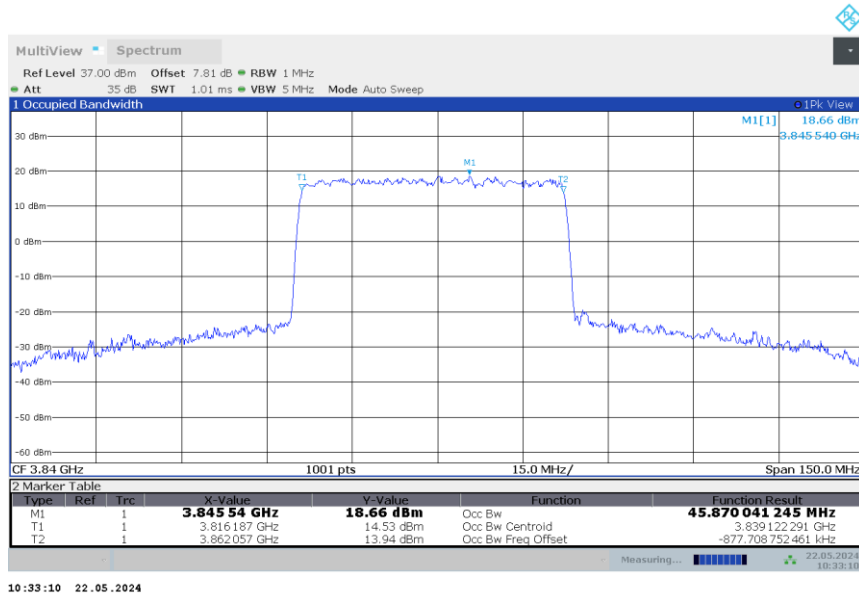
n77H  
n77H,50MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	45.964	45.870

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



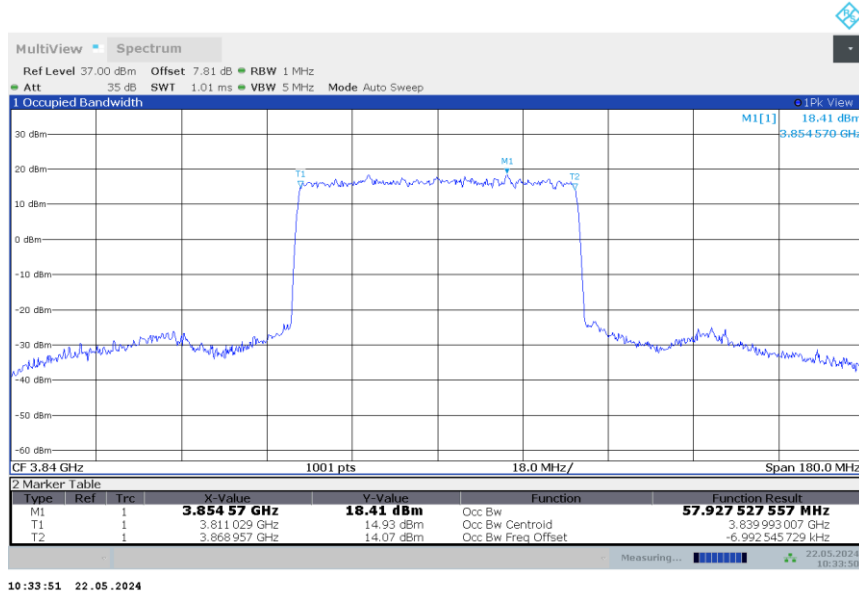
n77H,50MHz Bandwidth,DFT-s-QPSK (99% BW)



n77H  
n77H,60MHz(99%)

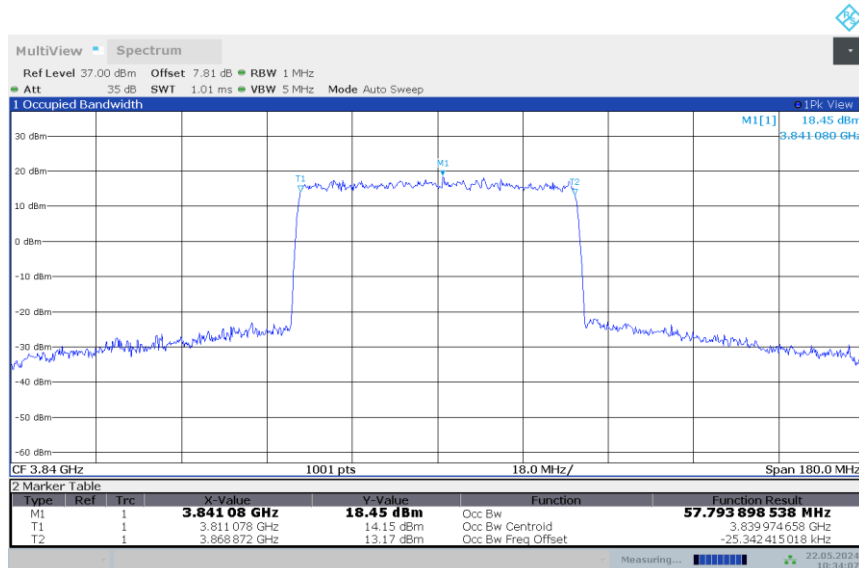
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	57.928	57.794

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



10:33:51 22.05.2024

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



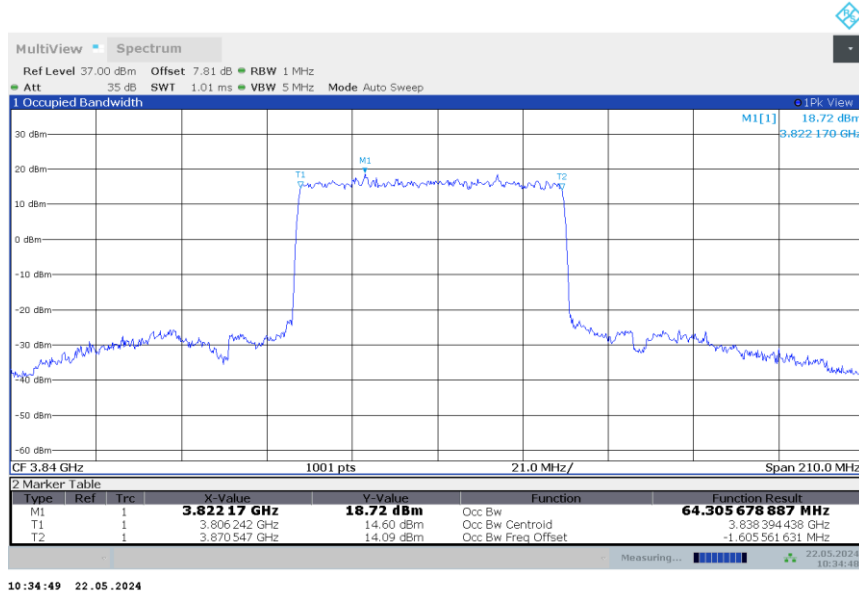
10:34:08 22.05.2024



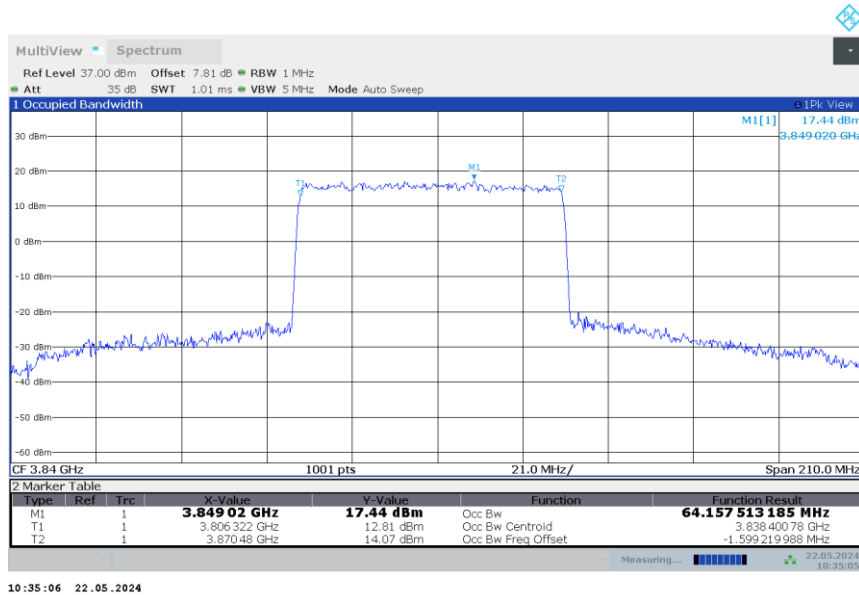
n77H  
n77H,70MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	64.306	64.158

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



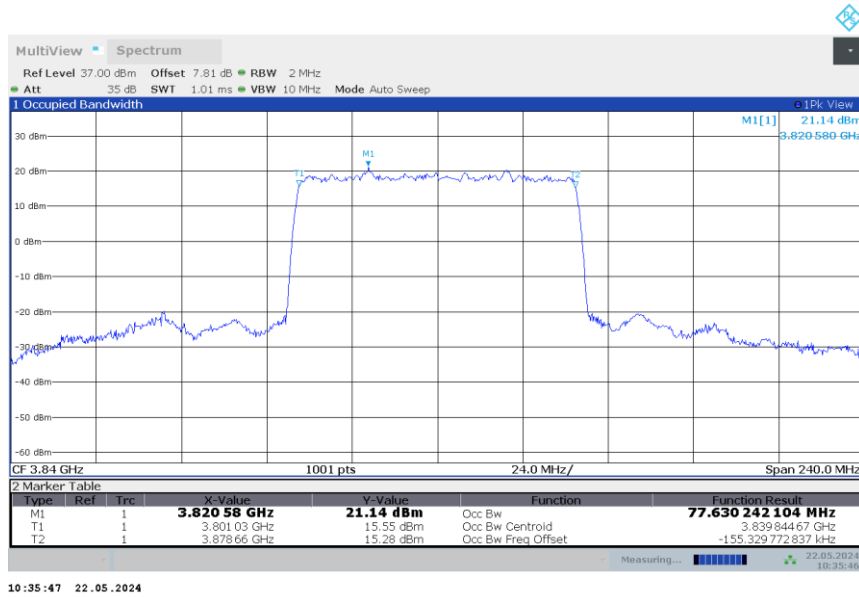
n77H,70MHz Bandwidth,DFT-s-QPSK (99% BW)



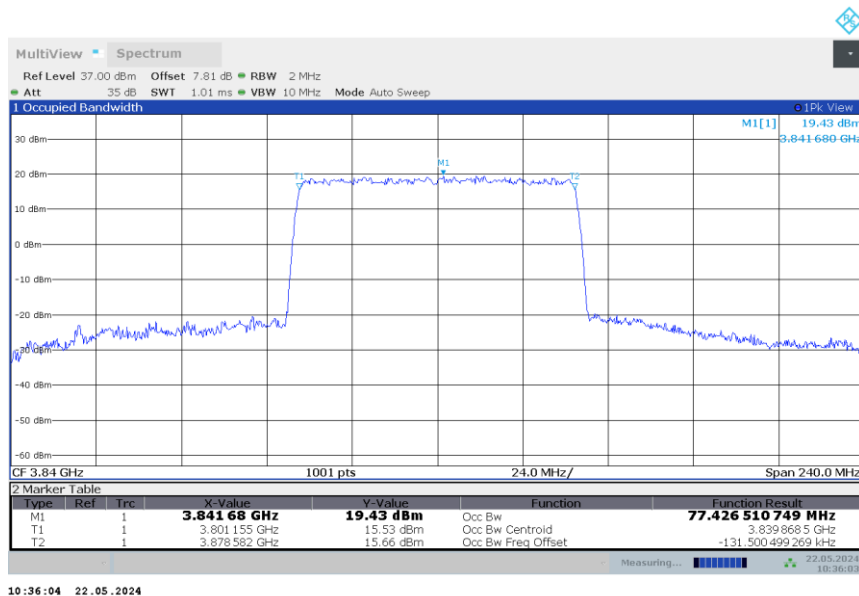
n77H  
n77H,80MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	77.630	77.427

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



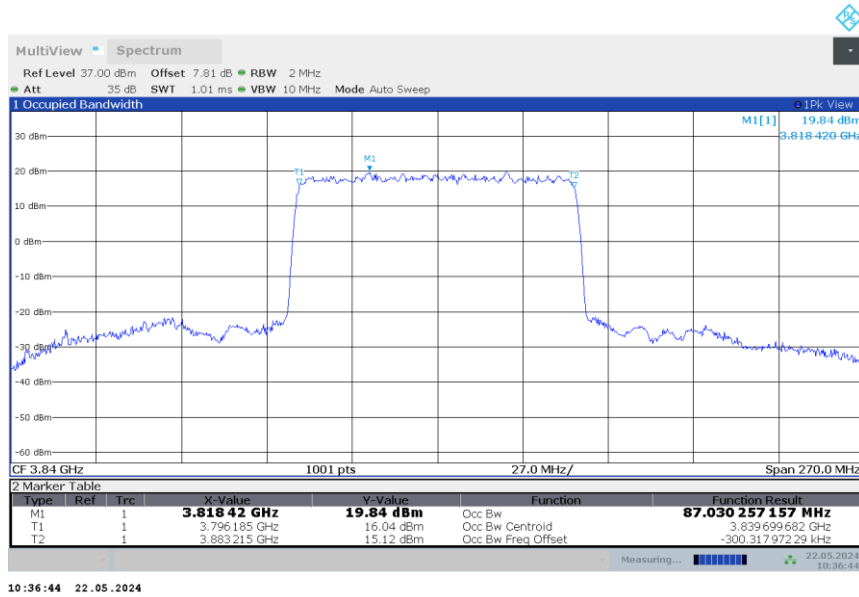
n77H,80MHz Bandwidth,DFT-s-QPSK (99% BW)



n77H  
n77H,90MHz(99%)

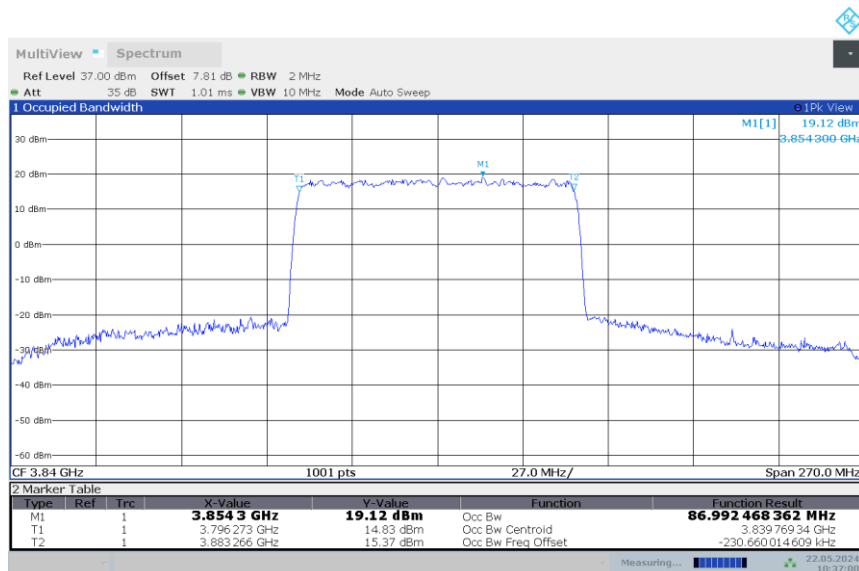
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	87.030	86.992

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



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



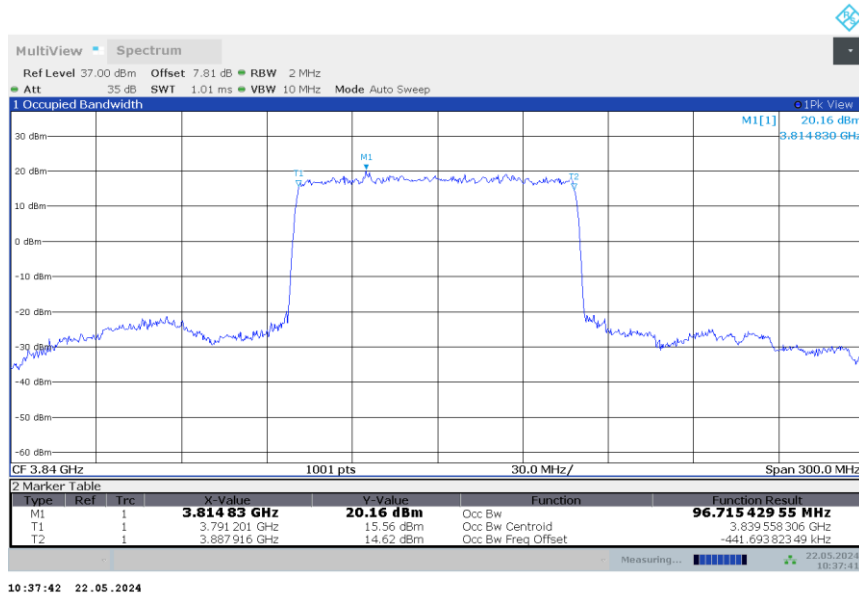
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n77H

n77H,100MHz(99%)

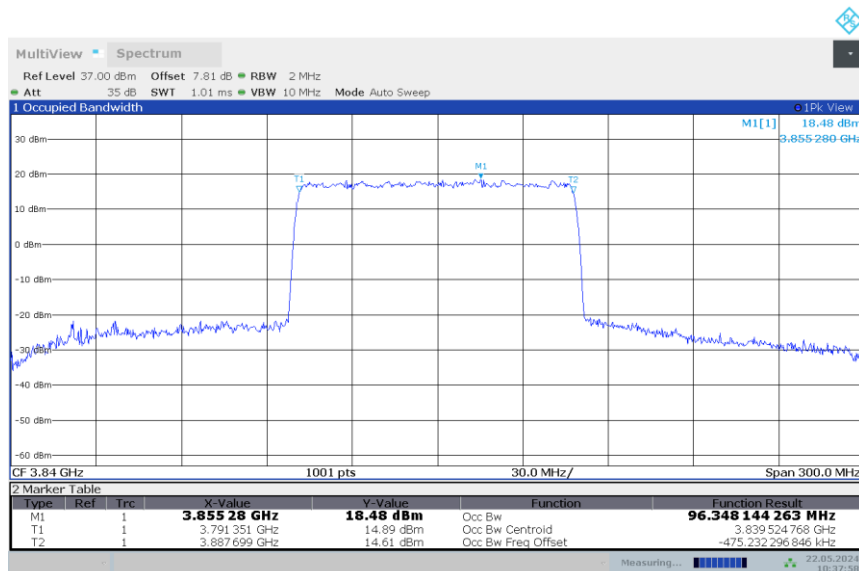
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	96.715	96.348

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



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



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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  $\geq 3 \times$  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  
n2,5MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1880	4.945	4.915

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



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



n2

n2,10MHz(-26dBc)

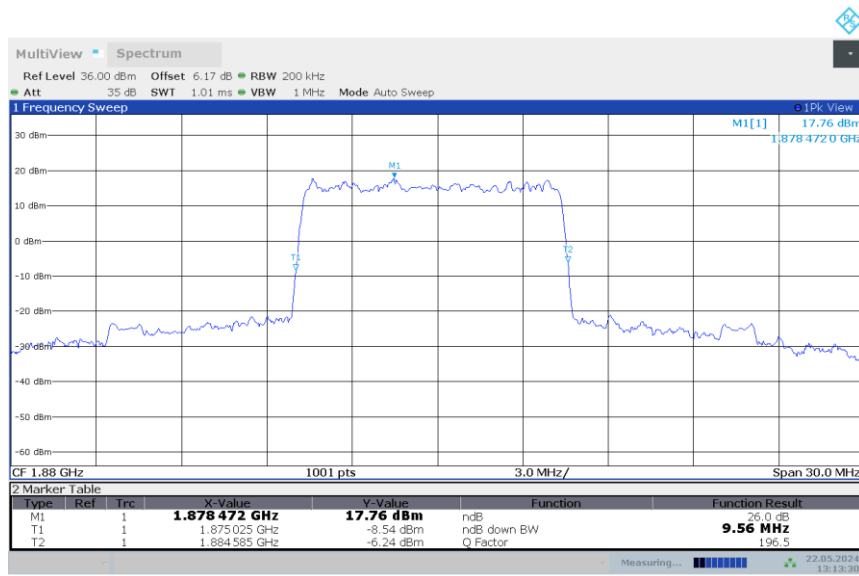
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1880	9.590	9.560

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



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

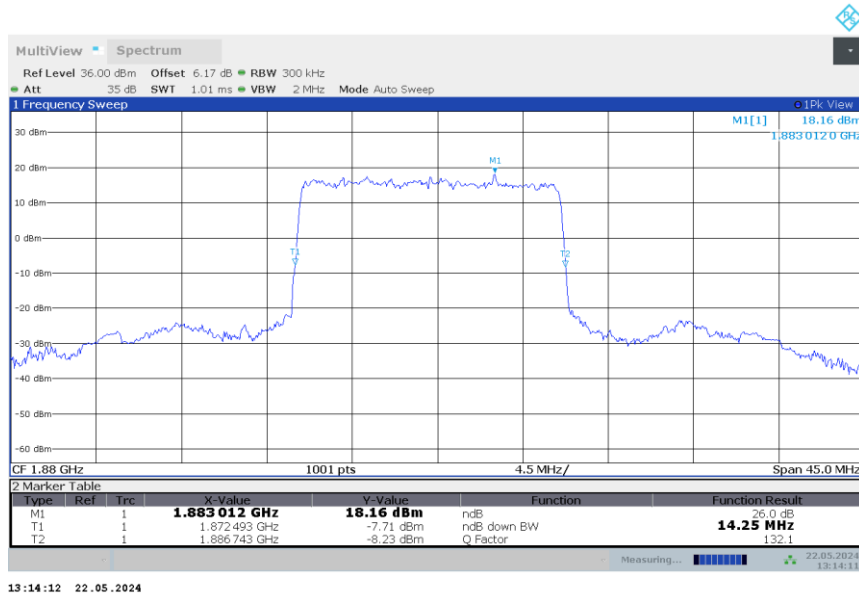


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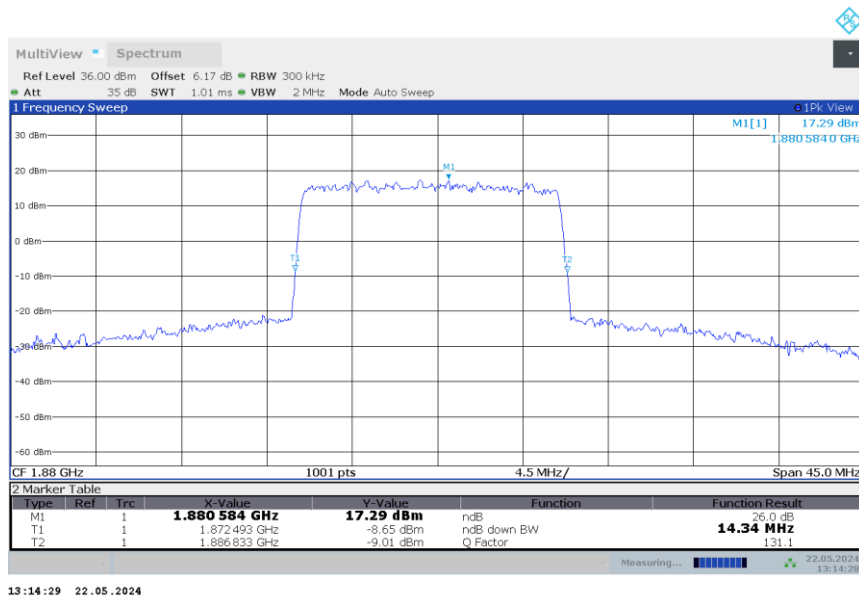
n2  
n2,15MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1880	14.251	14.341

n2,15MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n2,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

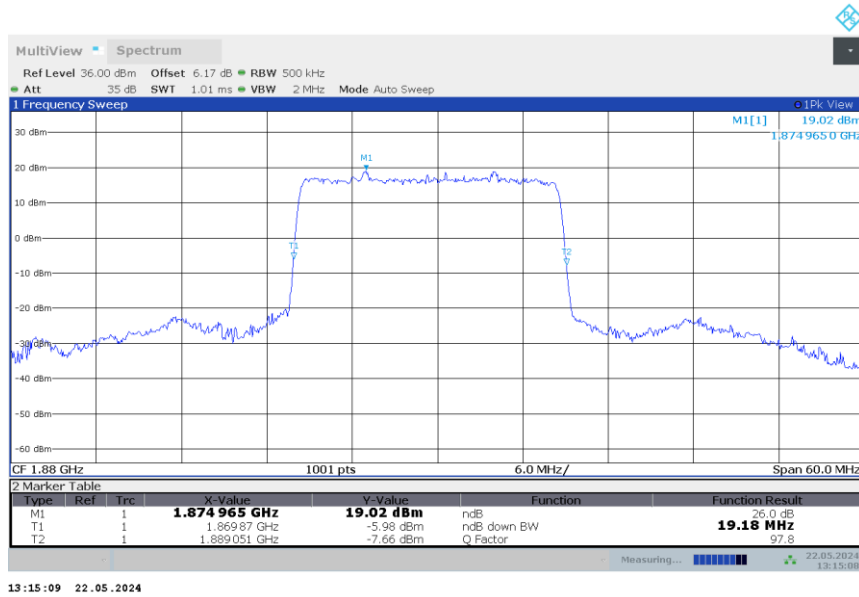




n2  
n2,20MHz(-26dBc)

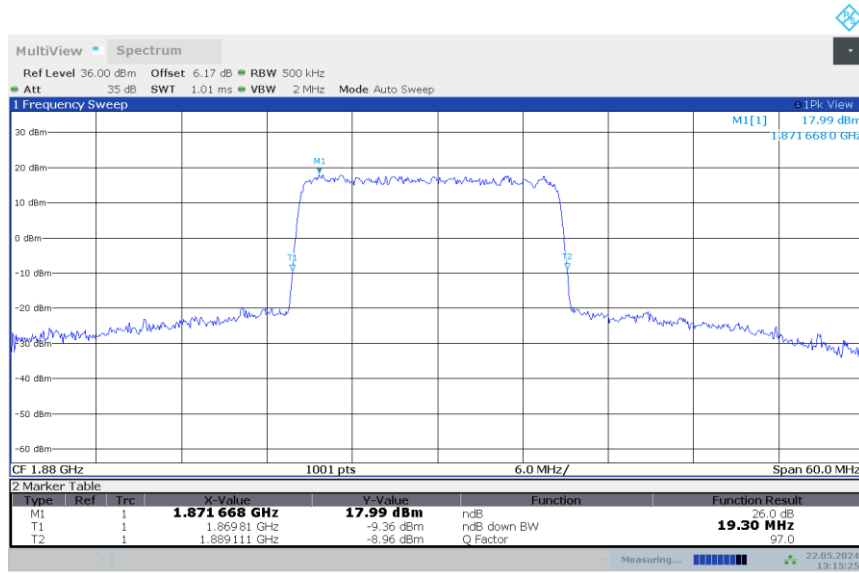
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1880	19.181	19.301

n2,20MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



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n2,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



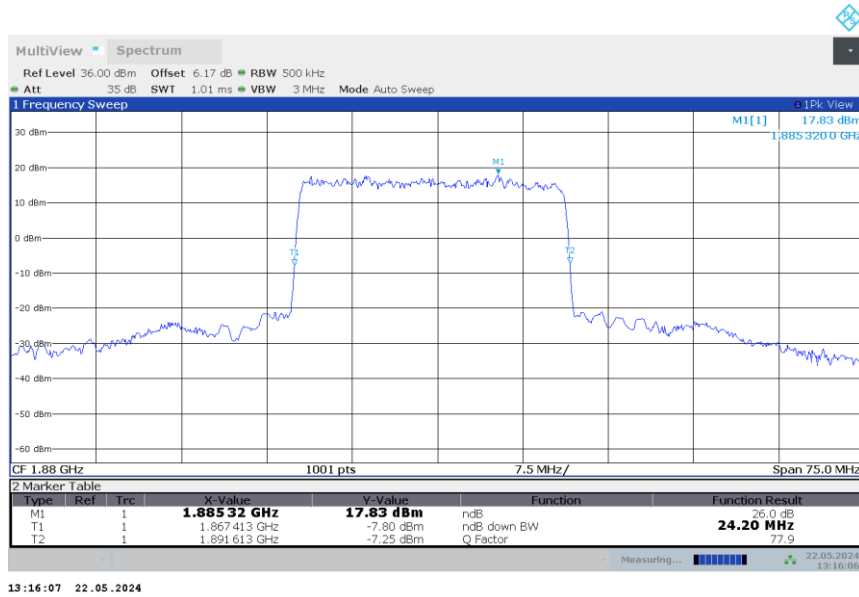
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n2

n2,25MHz(-26dBc)

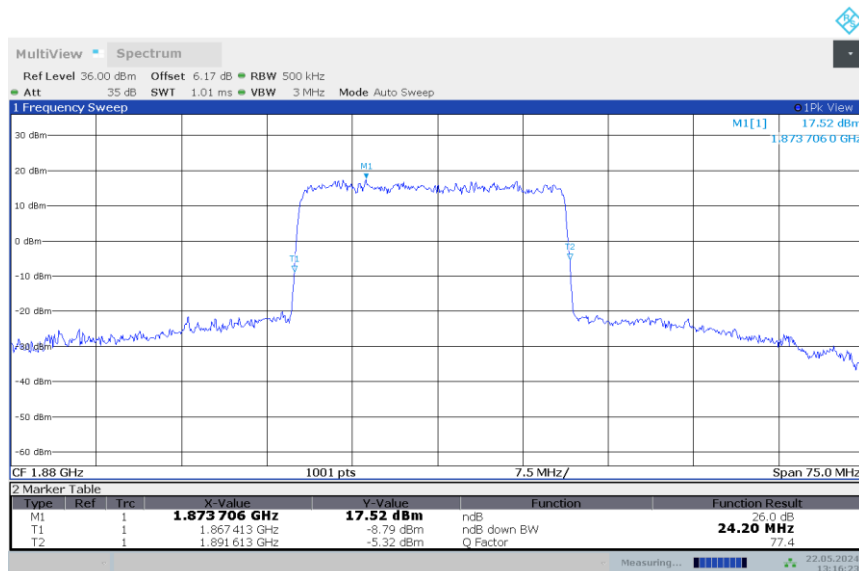
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1880	24.201	24.201

n2,25MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



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n2,25MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

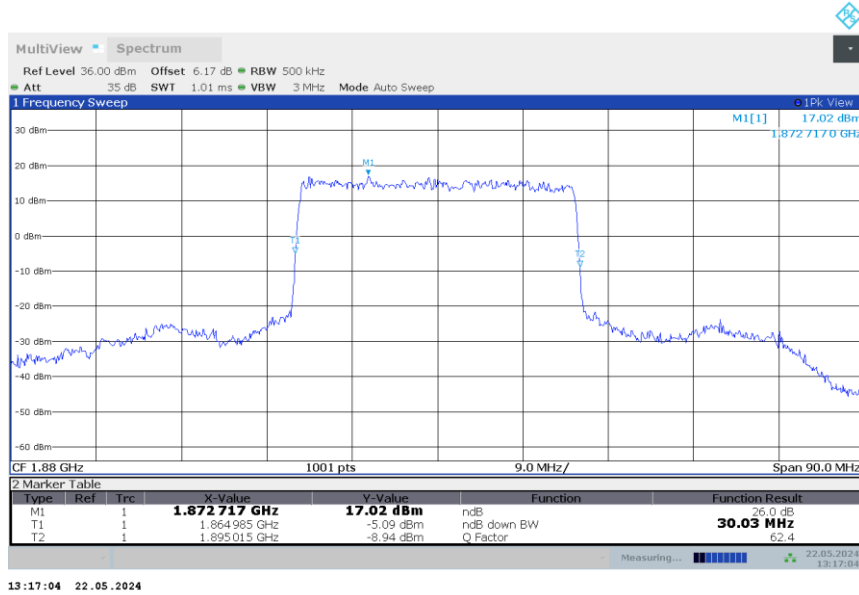


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n2  
n2,30MHz(-26dBc)

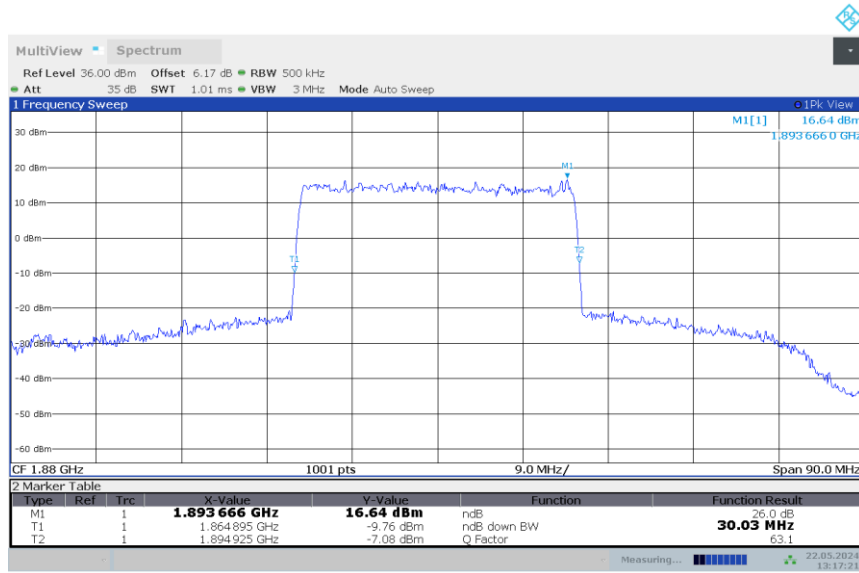
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1880	30.030	30.030

n2,30MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



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n2,30MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



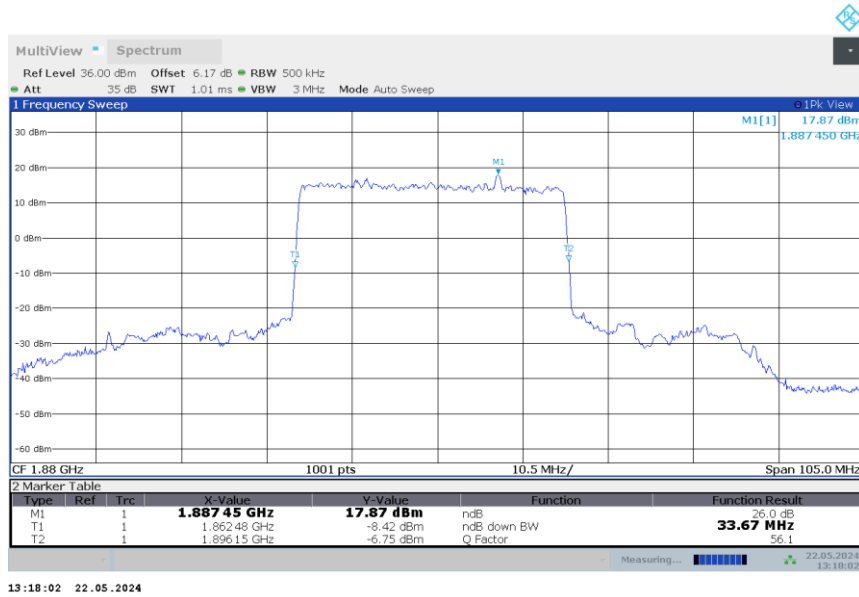
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n2

n2,35MHz(-26dBc)

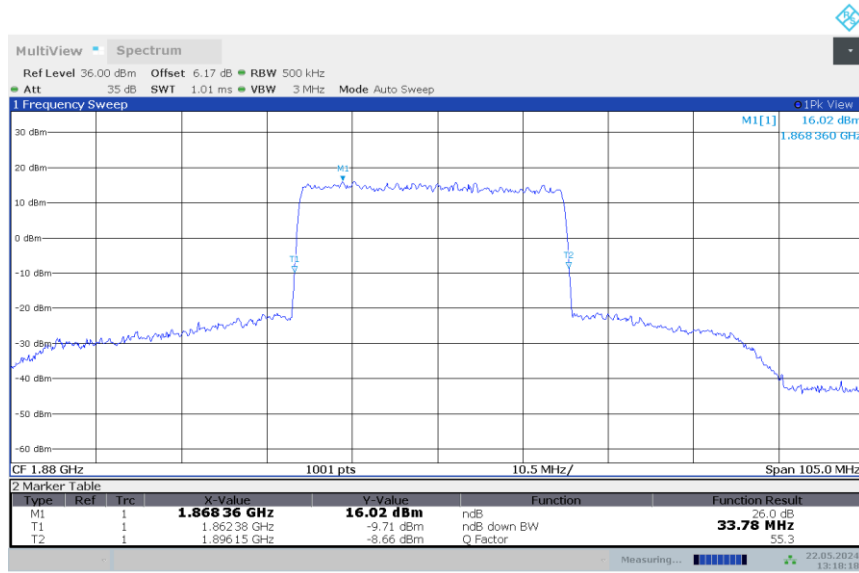
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1880	33.670	33.780

n2,35MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



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n2,35MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



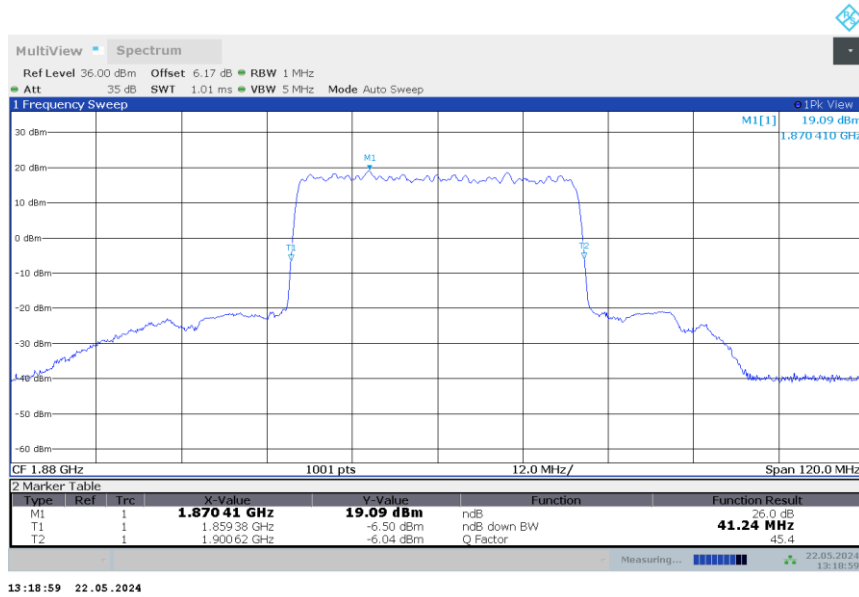
13:18:18 22.05.2024

n2

n2,40MHz(-26dBc)

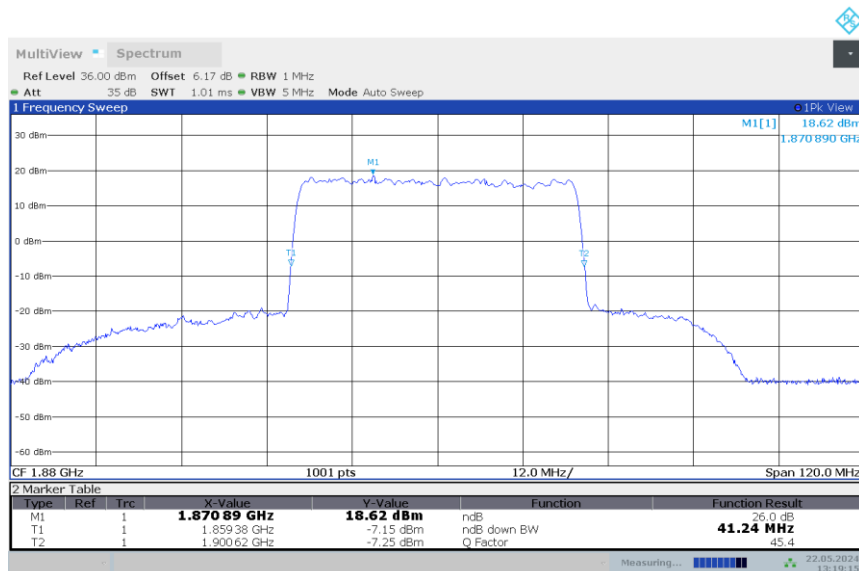
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1880	41.240	41.240

n2,40MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



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n2,40MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

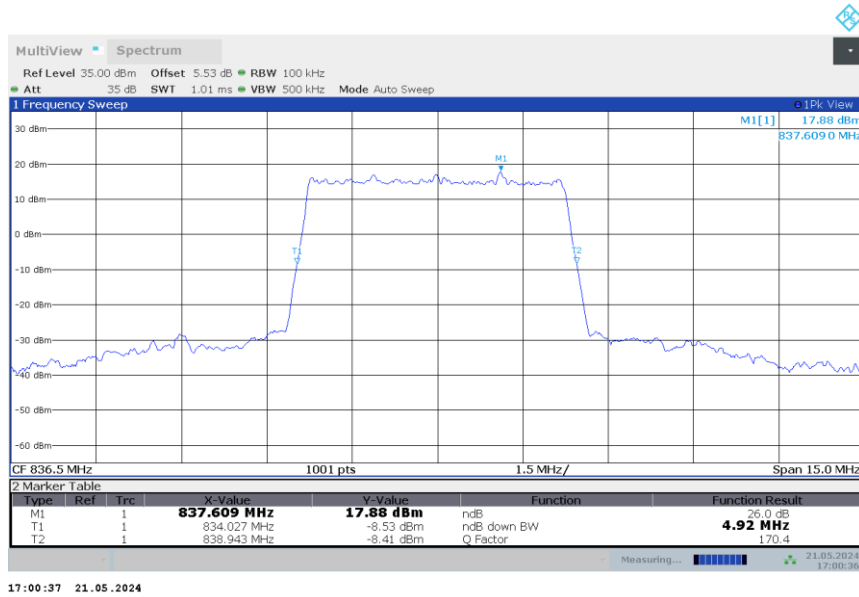


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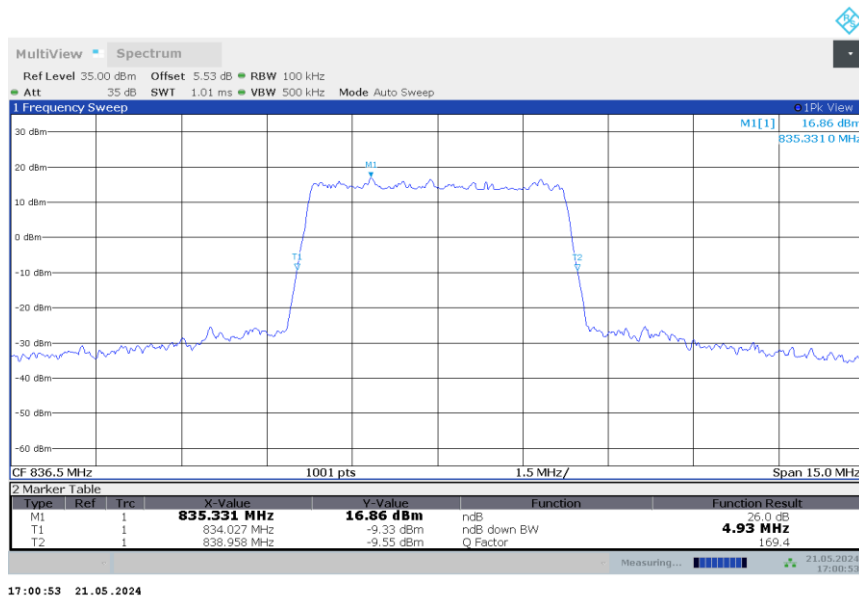
n5  
n5,5MHz(-26dBc)

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

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



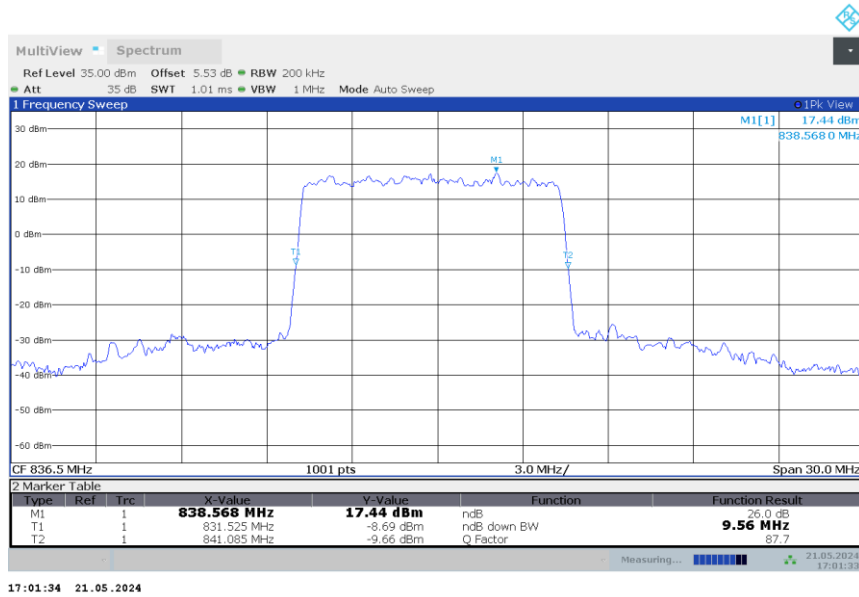
n5,5MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



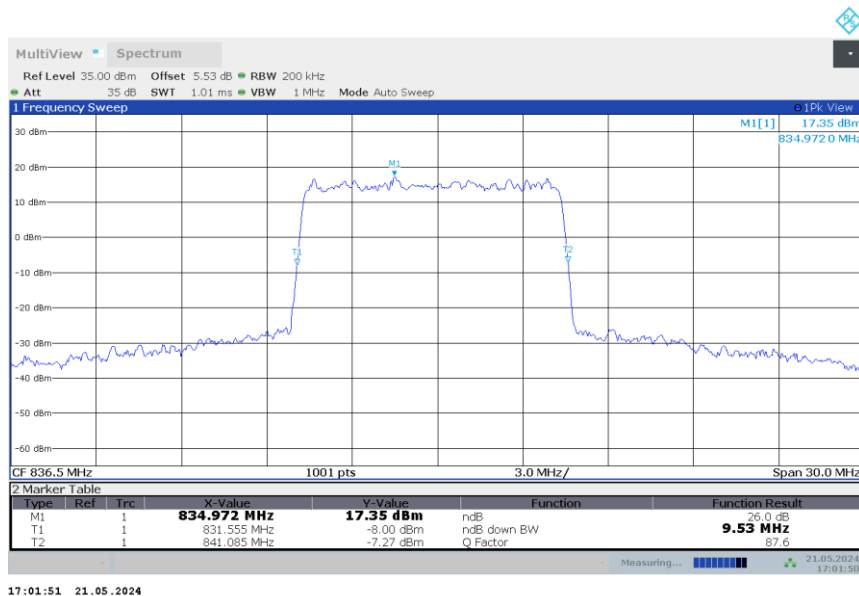
n5  
n5,10MHz(-26dBc)

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

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



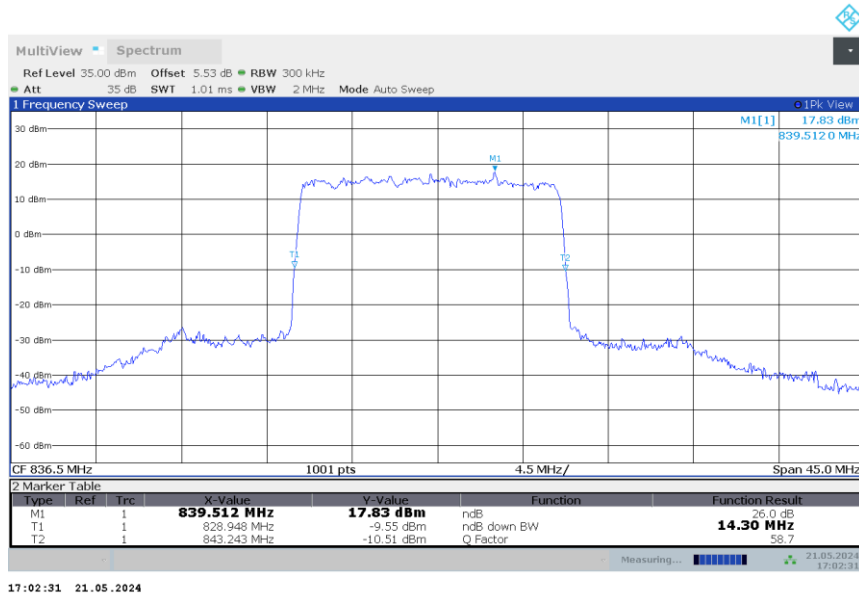
n5,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n5  
n5,15MHz(-26dBc)

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

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



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

