LTE Band 66+NR n77L

n77L,15MHz(99%)

| Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	12.922	12.945

n77L,15MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)
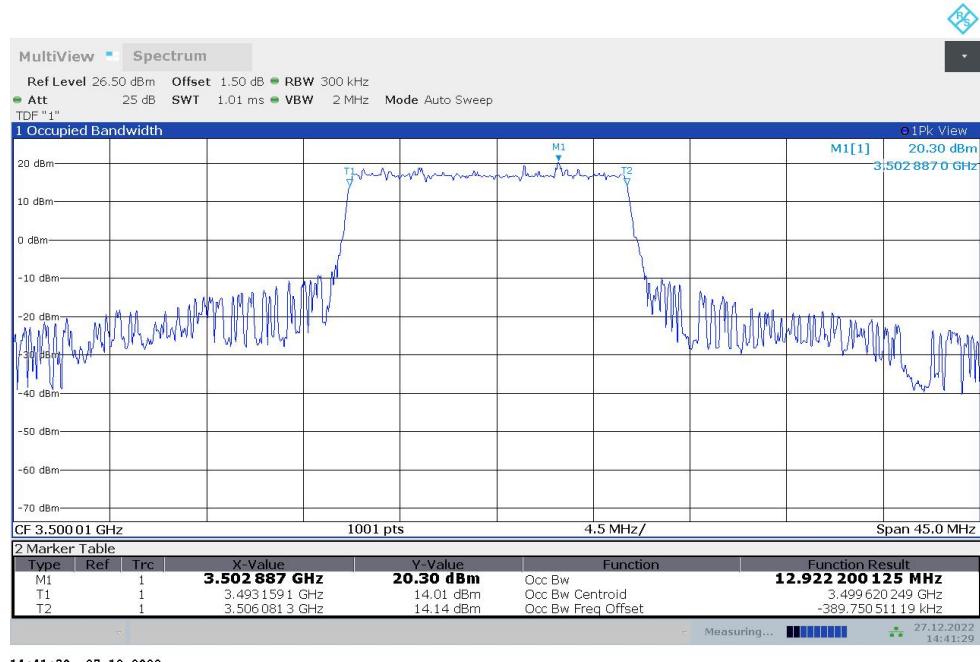
**n77L,15MHz Bandwidth,DFT-s-QPSK (99% BW)**
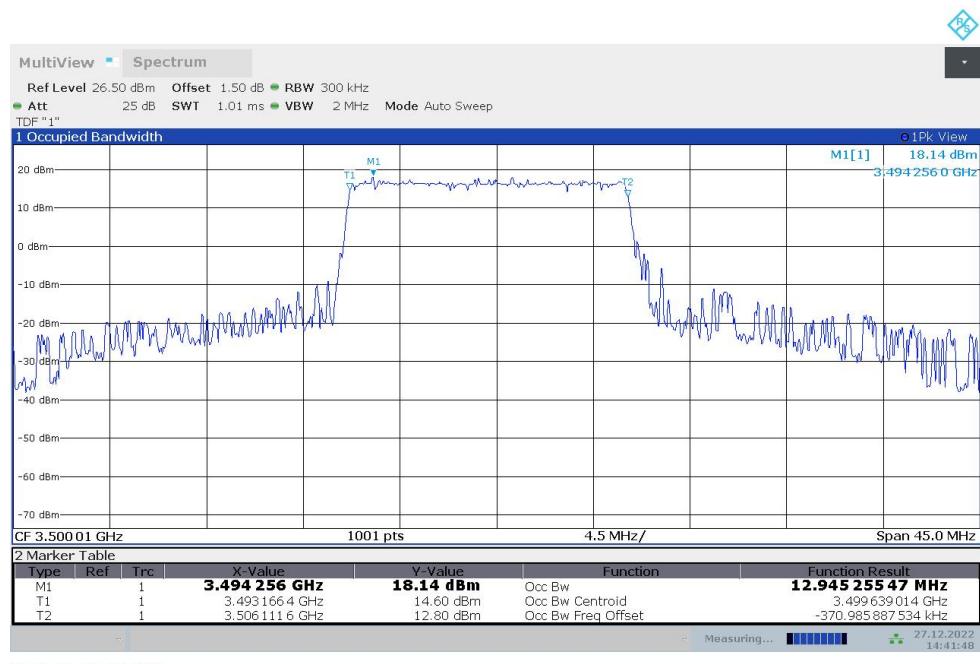
LTE Band 66+NR n77L
n77L,20MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	18.097	18.064

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

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1		1	3.504 146 GHz	20.98 dBm	Occ Bw	18.097 006 455 MHz
T1		1	3.490 731 1 GHz	13.60 dBm	Occ Bw Centroid	3.499 779 59 GHz
T2		1	3.508 828 1 GHz	14.38 dBm	Occ Bw Freq Offset	-230.410 224 033 kHz

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

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1		1	3.502 767 GHz	20.65 dBm	Occ Bw	18.064 106 555 MHz
T1		1	3.490 766 7 GHz	14.30 dBm	Occ Bw Centroid	3.499 798 779 GHz
T2		1	3.508 830 8 GHz	14.82 dBm	Occ Bw Freq Offset	-211.221 270 962 kHz

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LTE Band 66+NR n77L

n77L,40MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	35.997	36.038

n77L,40MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)
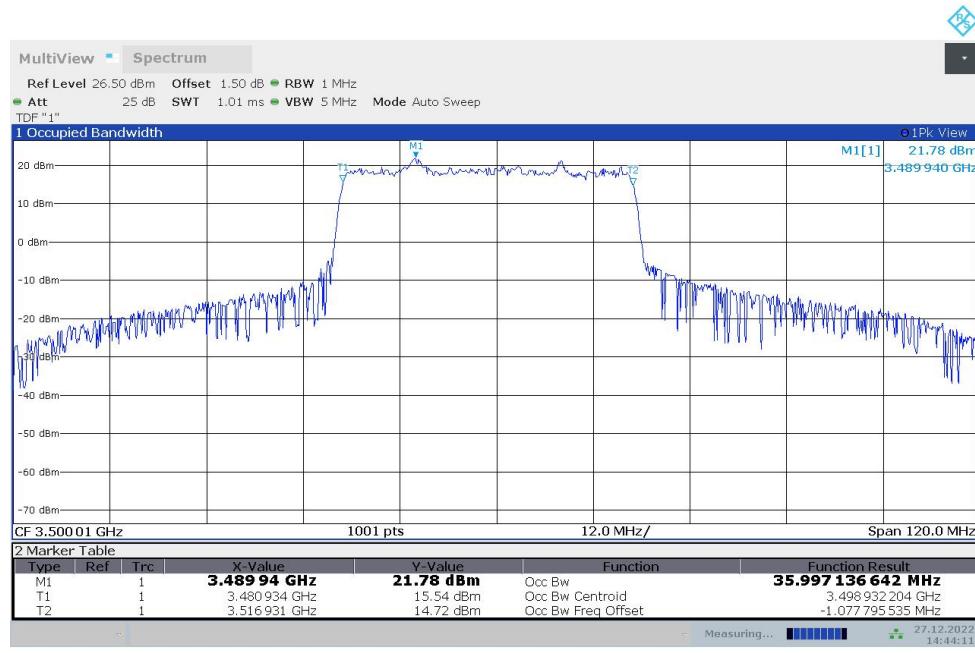
**n77L,40MHz Bandwidth,DFT-s-QPSK (99% BW)**
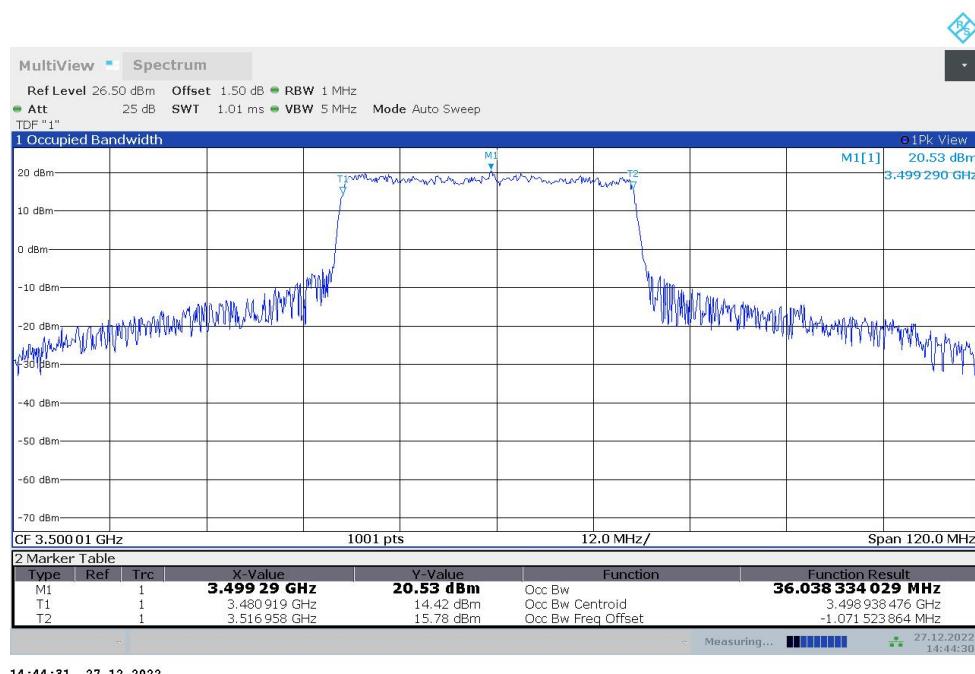
LTE Band 66+NR n77L

n77L,50MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	45.996	45.945

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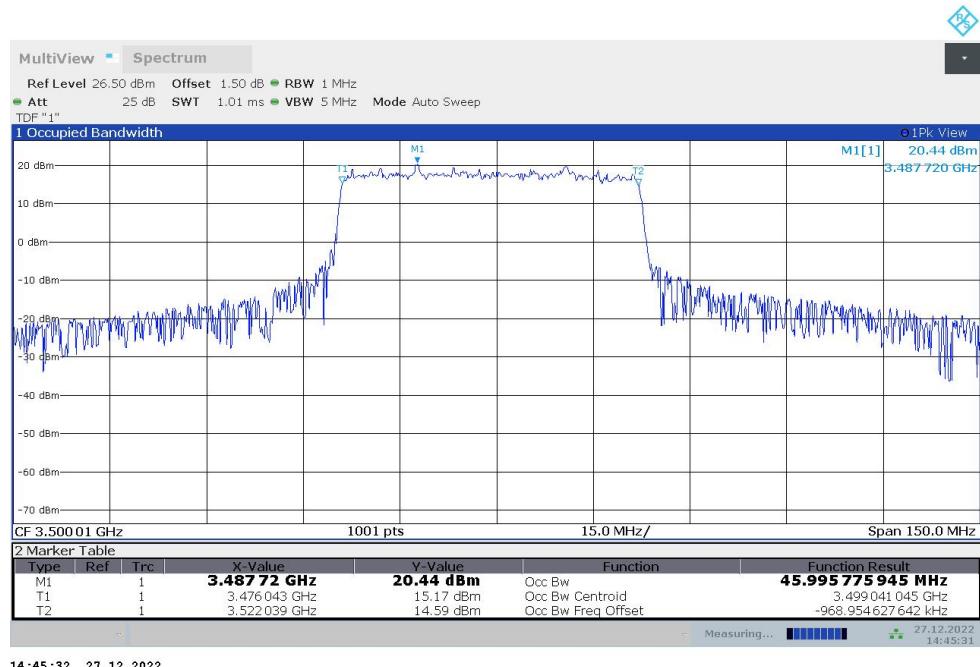

n77L,50MHz Bandwidth,DFT-s-QPSK (99% BW)
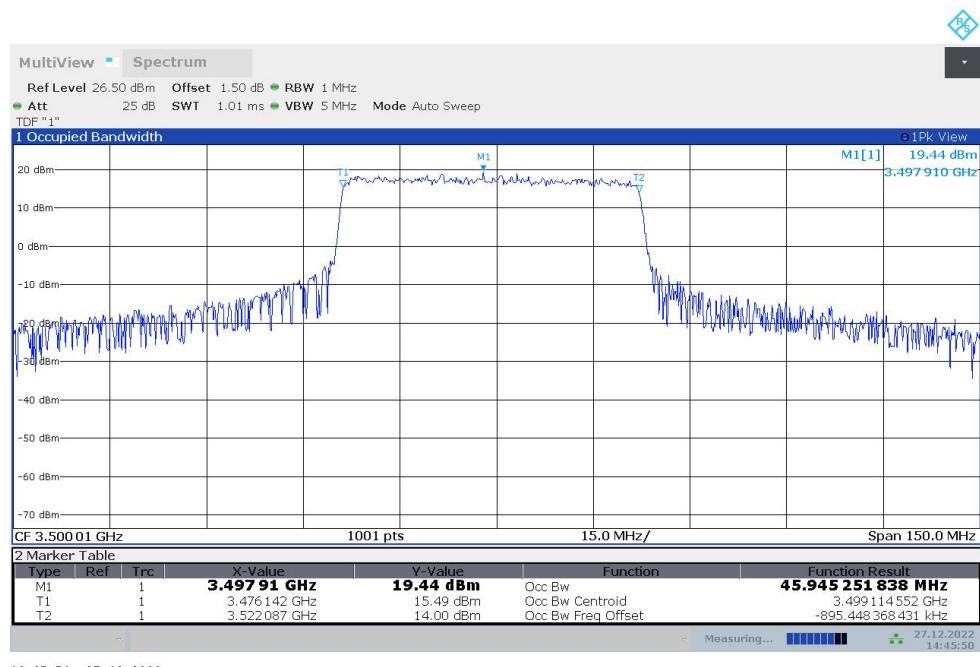
LTE Band 66+NR n77L

n77L,60MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	57.986	58.016

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

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

14:47:12 27.12.2022
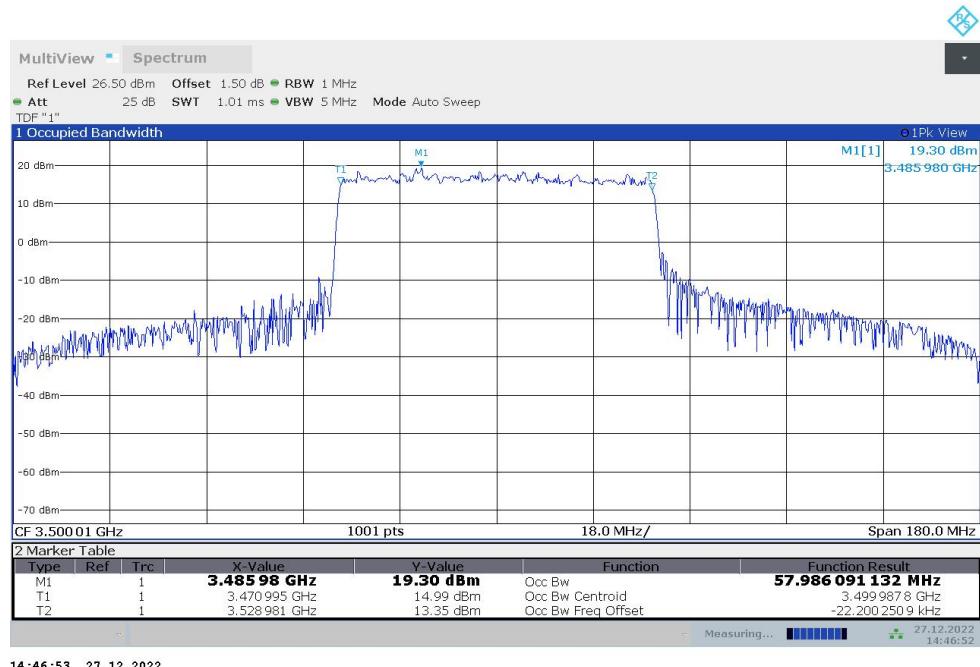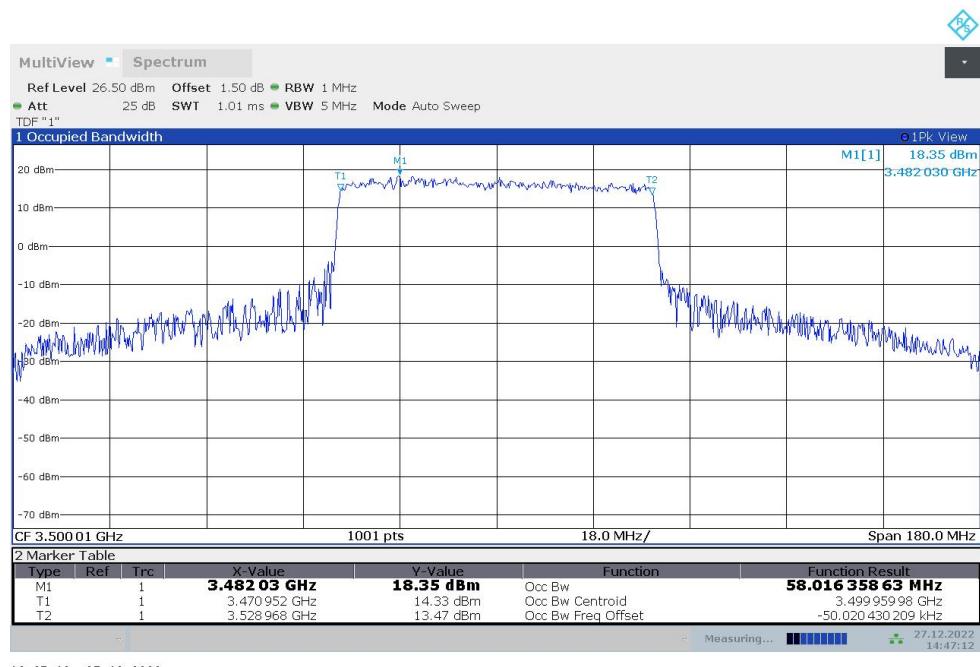
LTE Band 66+NR n77L

n77L,70MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	64.431	64.511

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

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

14:48:33 27.12.2022
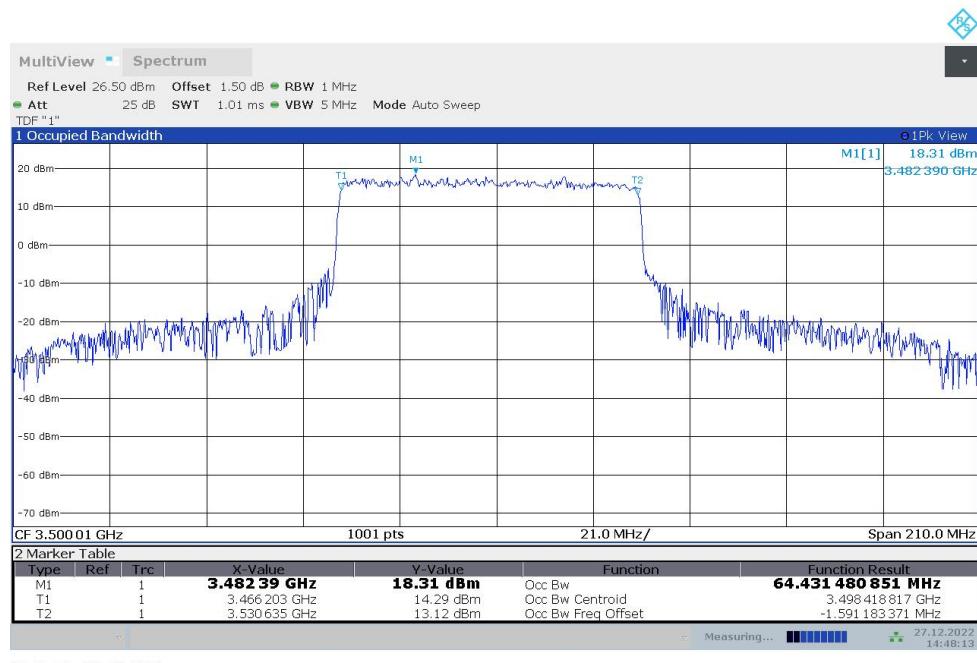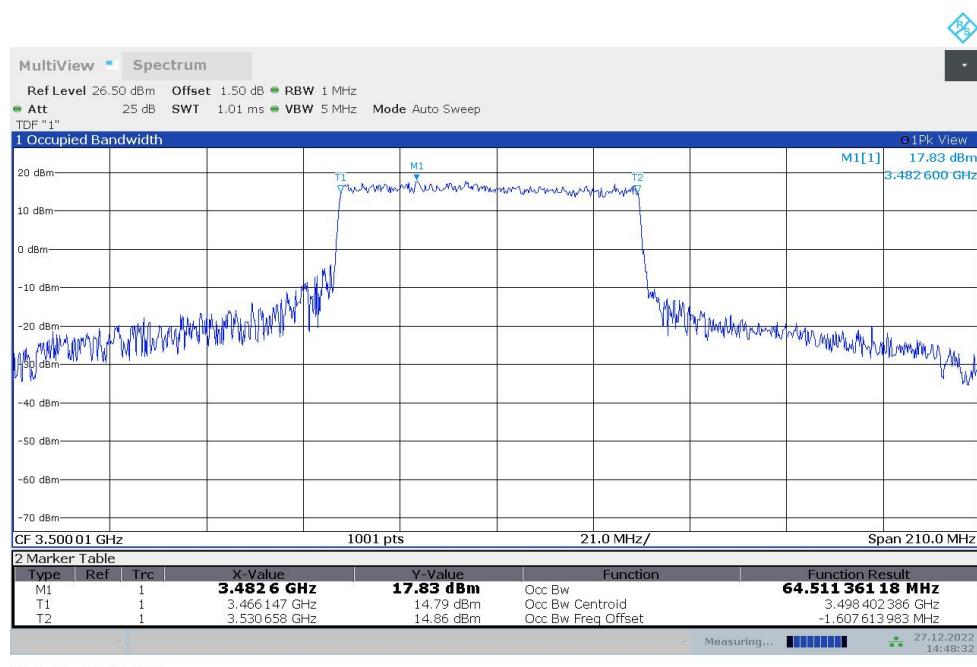
LTE Band 66+NR n77L
n77L,80MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	77.637	77.701

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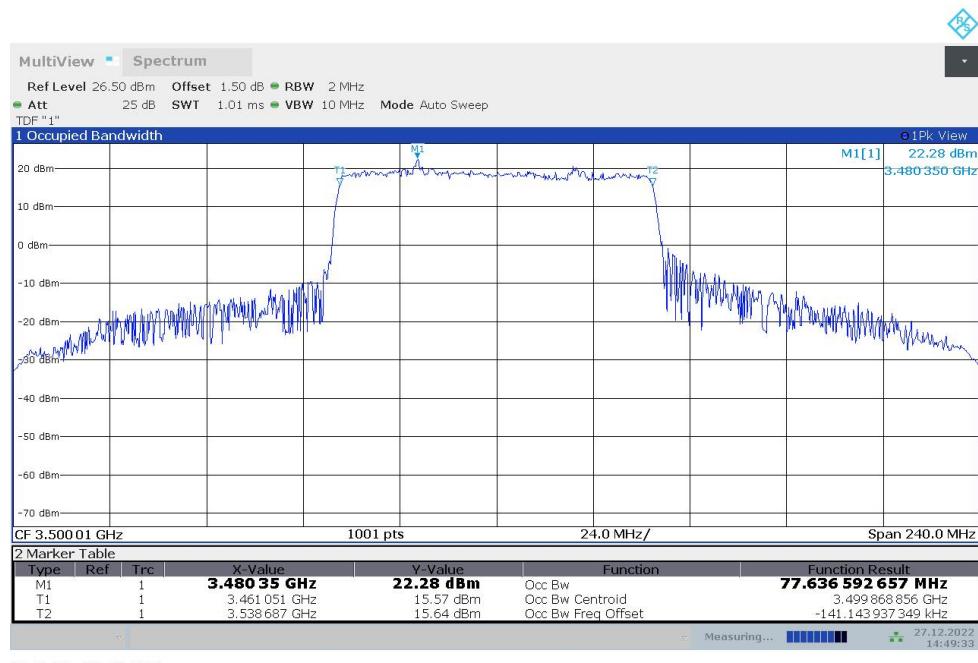

n77L,80MHz Bandwidth,DFT-s-QPSK (99% BW)
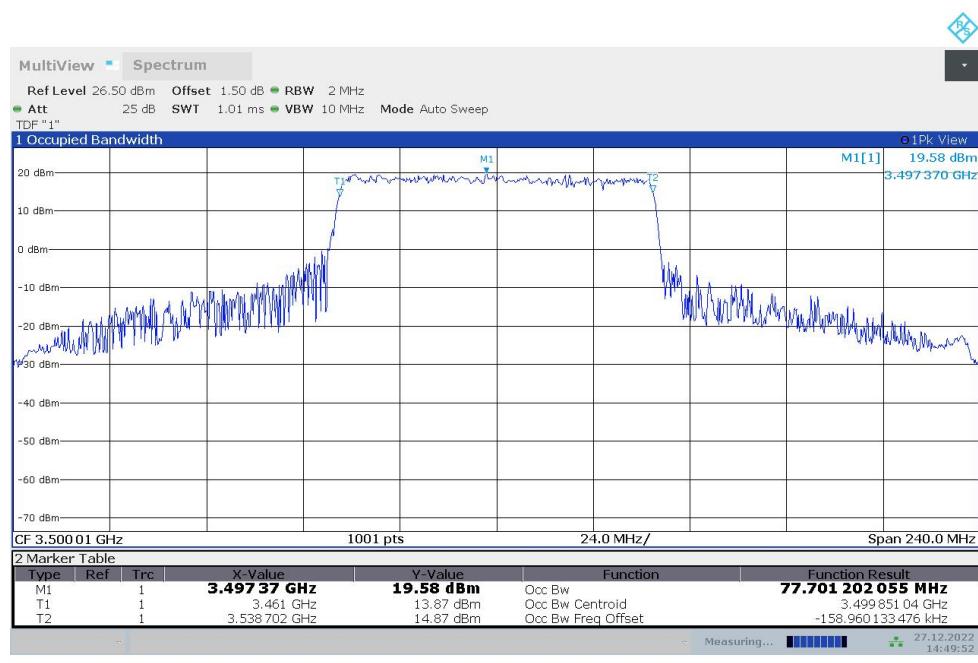
LTE Band 66+NR n77L

n77L,90MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	87.194	87.350

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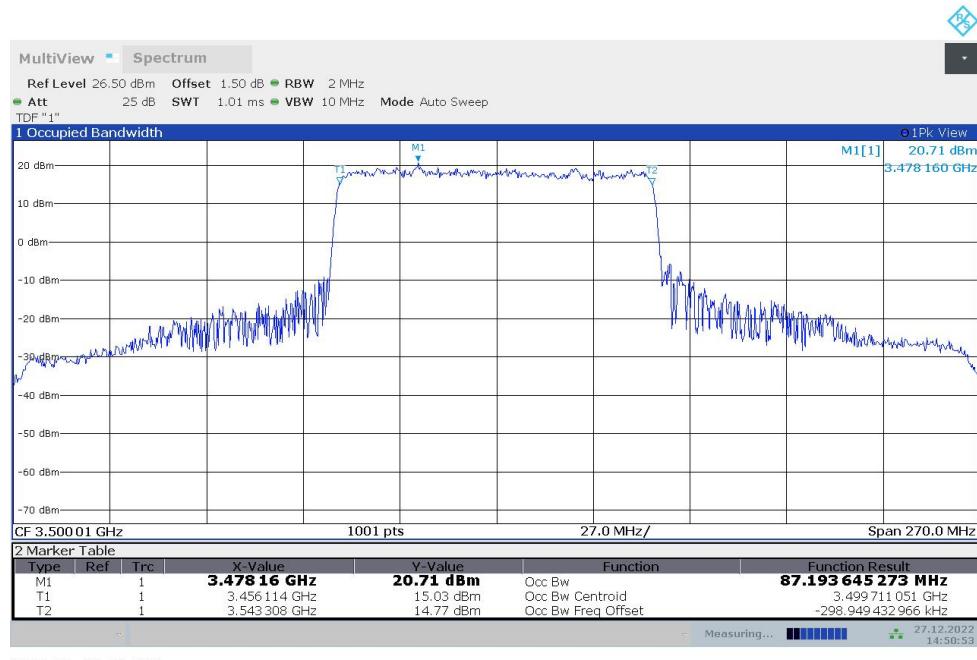

n77L,90MHz Bandwidth,DFT-s-QPSK (99% BW)
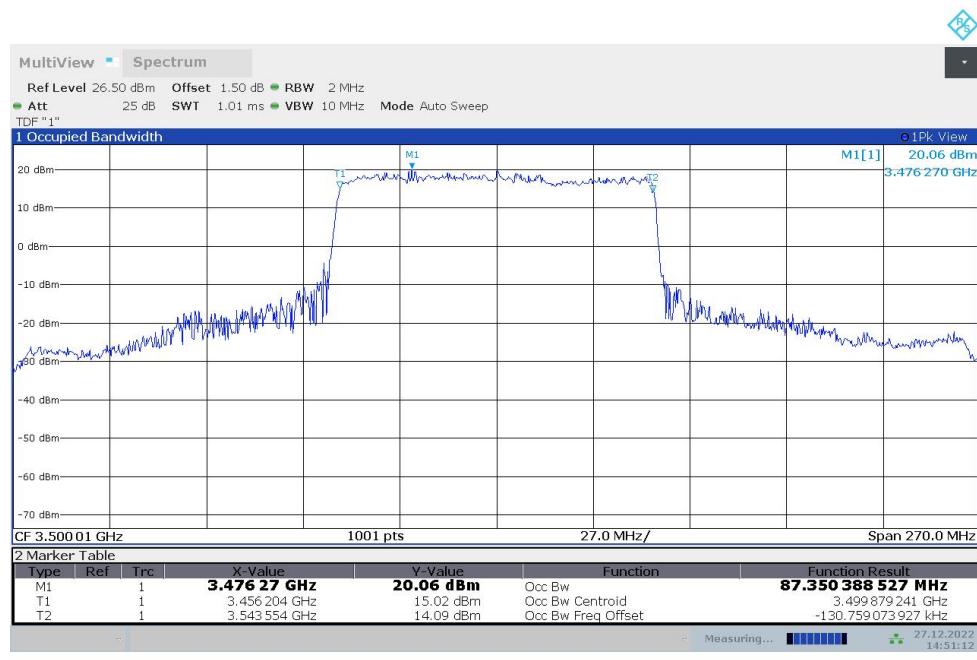
LTE Band 66+NR n77H

n77H,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	8.642	8.610

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

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

14:52:36 27.12.2022
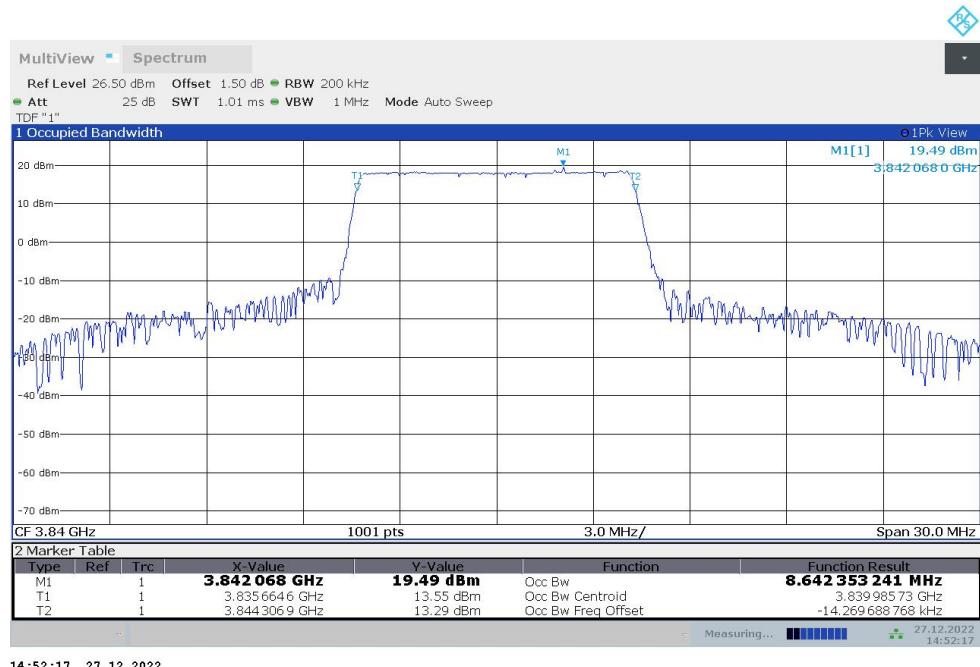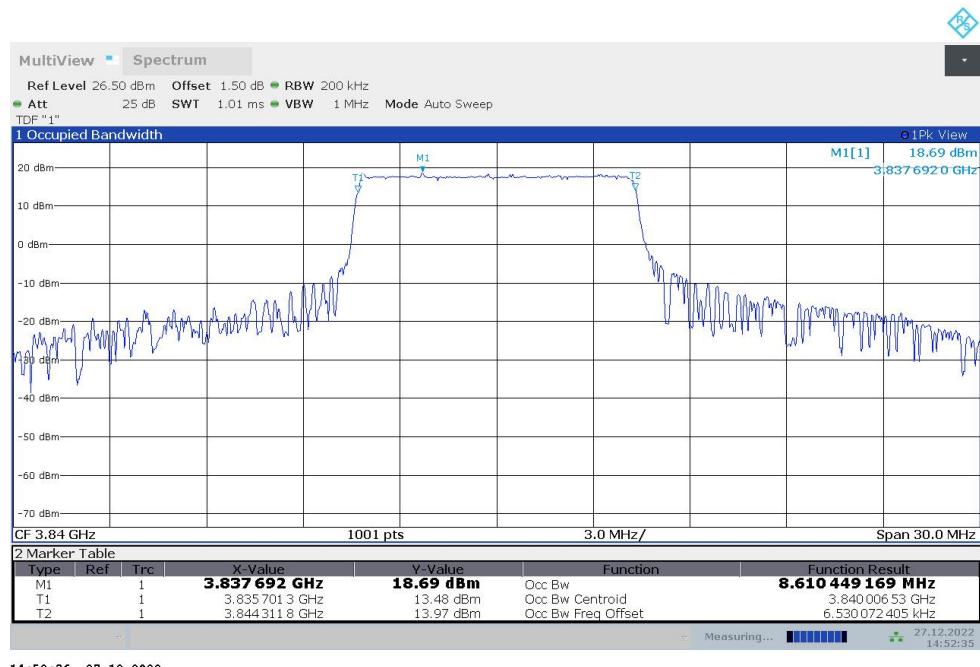
LTE Band 66+NR n77H

n77H,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	12.935	12.912

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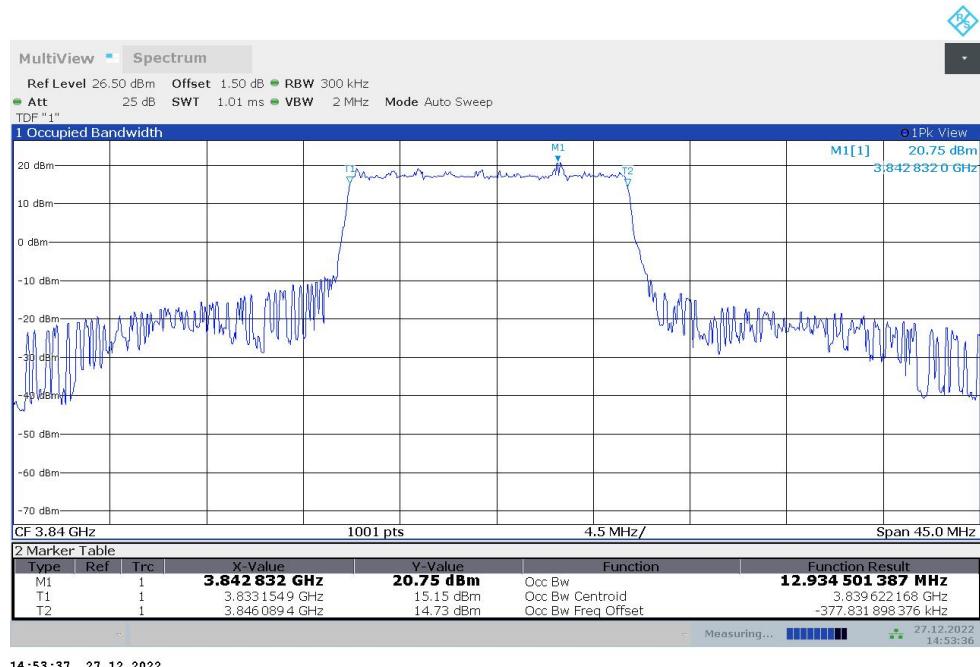

**n77H,15MHz Bandwidth,DFT-s-QPSK (99% BW)**
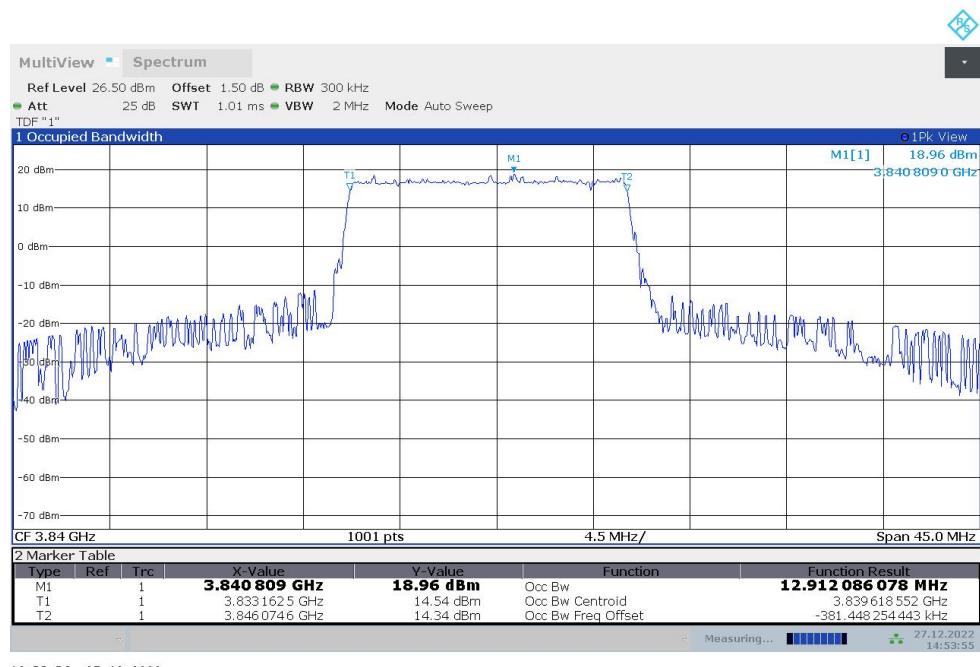
LTE Band 66+NR n77H

n77H,20MHz(99%)

| Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	18.101	18.065

n77H,20MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)
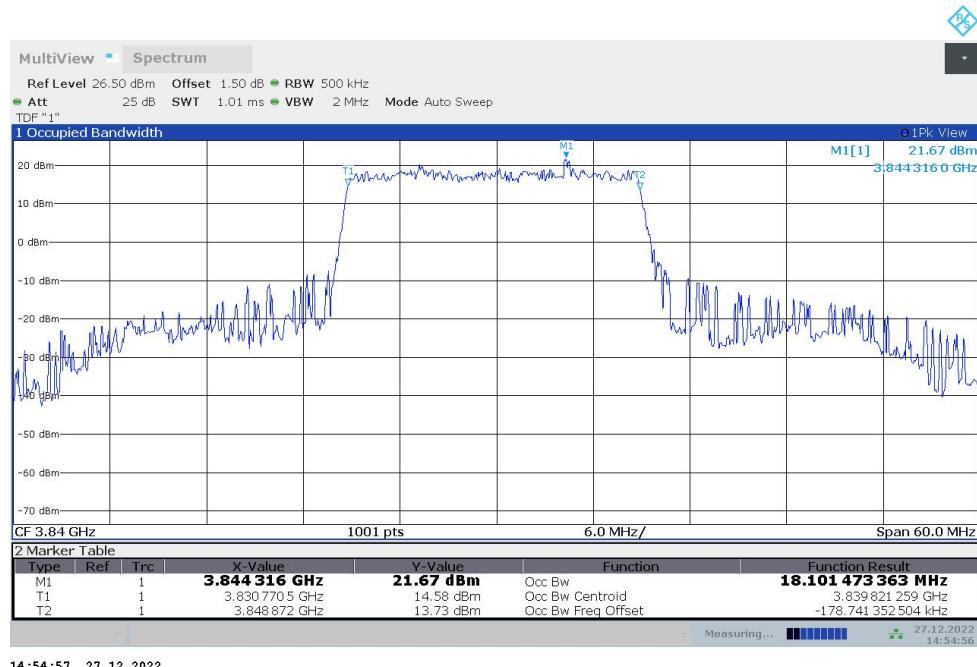
**n77H,20MHz Bandwidth,DFT-s-QPSK (99% BW)**
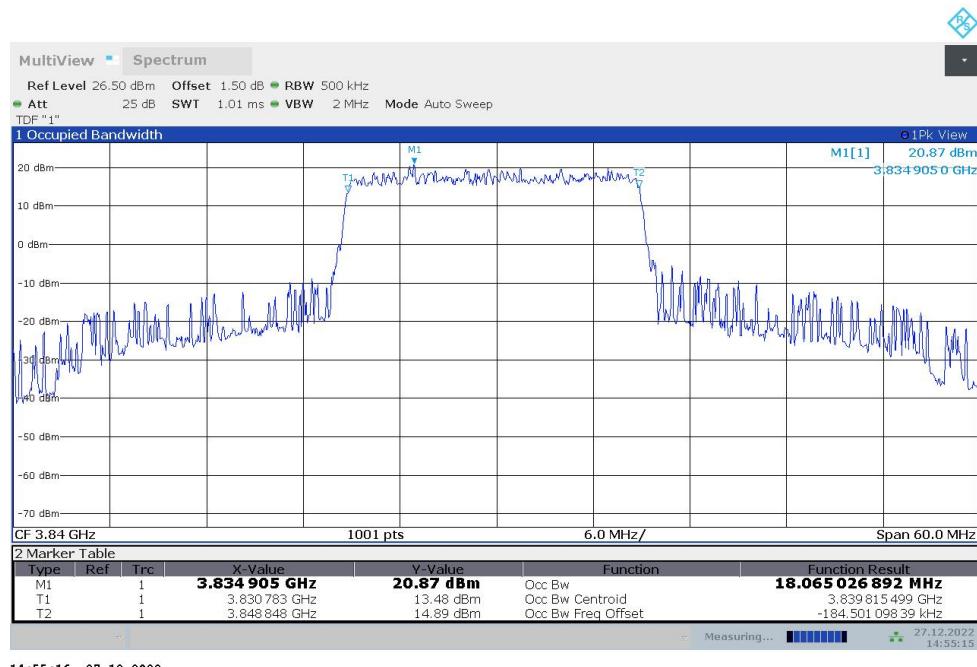
LTE Band 66+NR n77H

n77H,40MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	35.899	35.942

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

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

14:56:37   27.12.2022
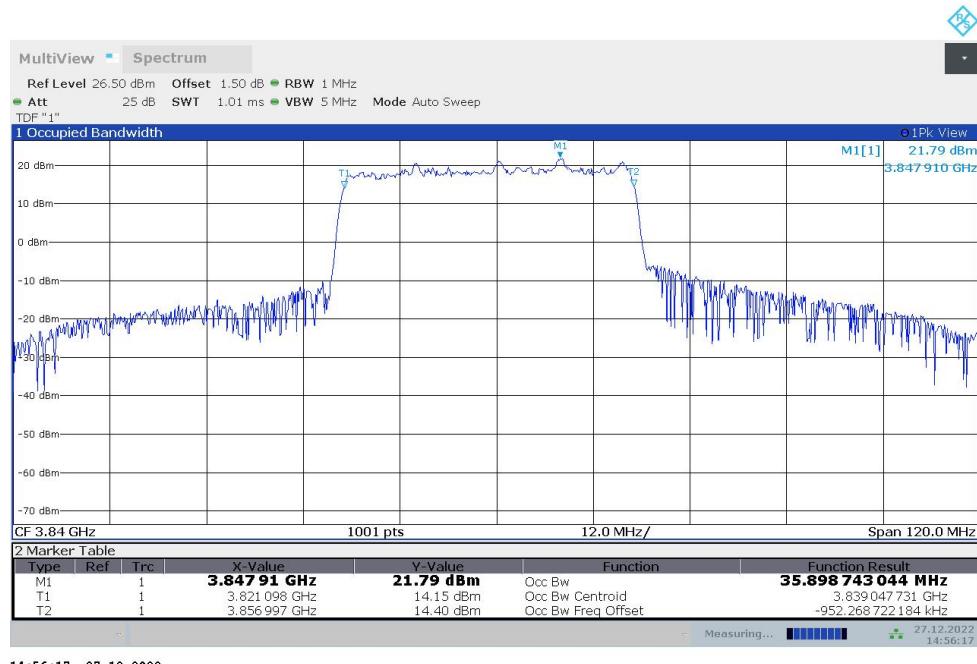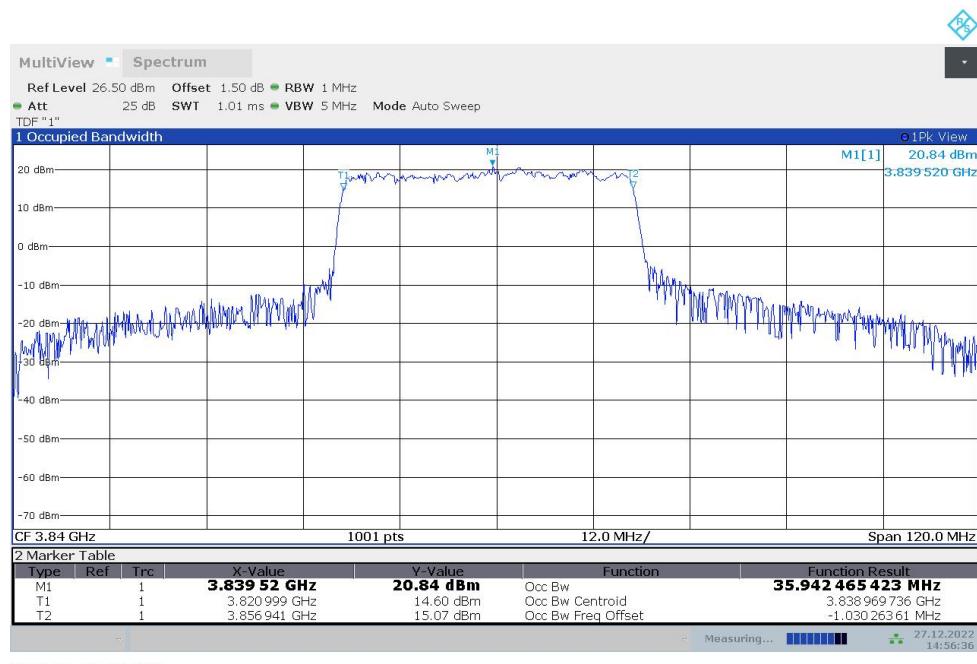
LTE Band 66+NR n77H
n77H,50MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	45.946	45.890

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

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

14:57:57 27.12.2022
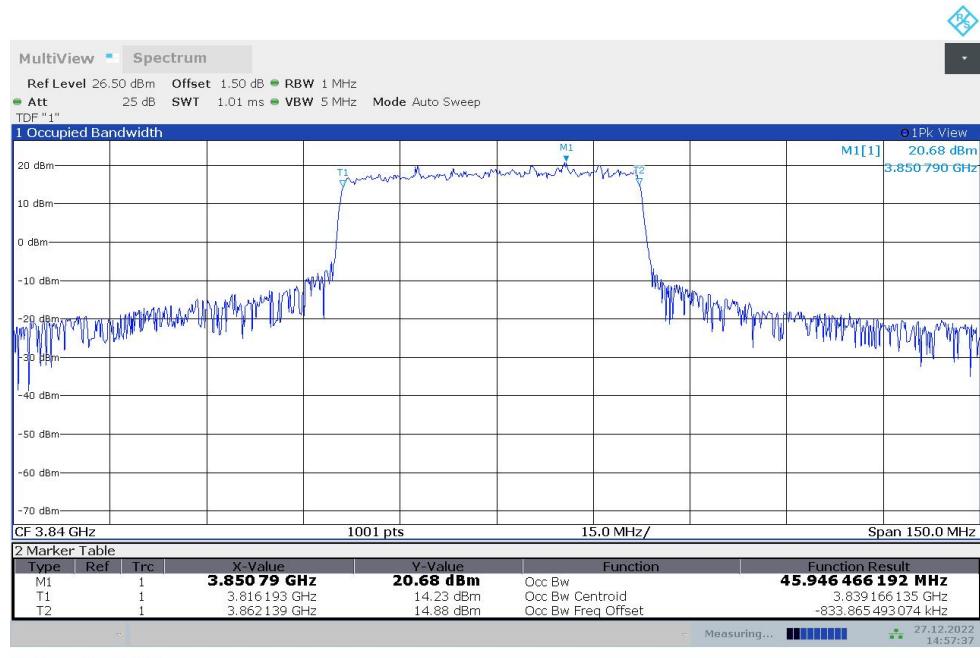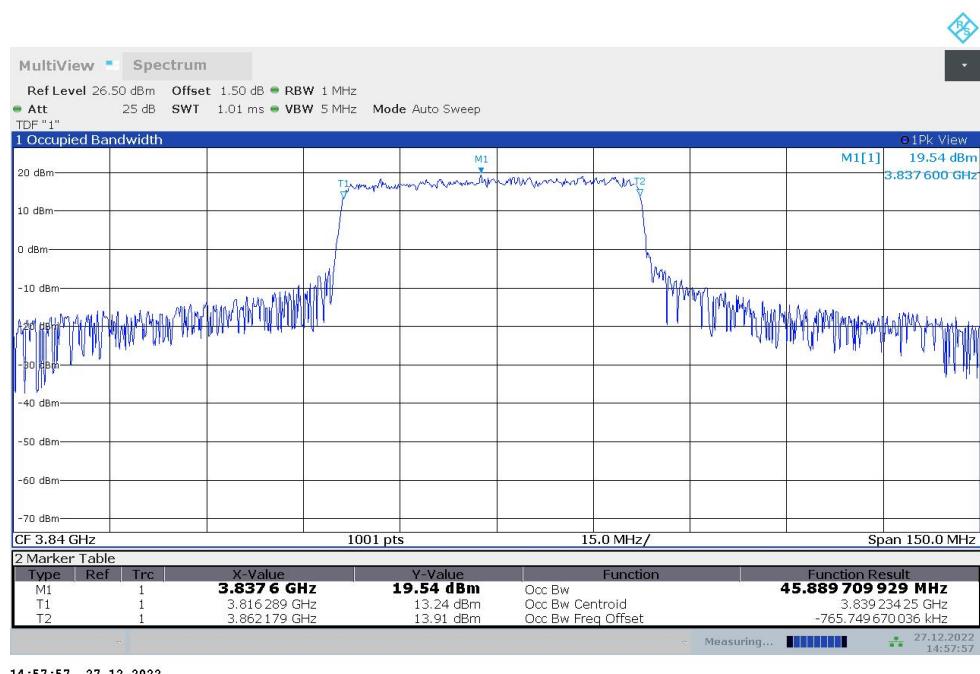
LTE Band 66+NR n77H

n77H,60MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	58.048	58.065

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

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

15:02:02 27.12.2022
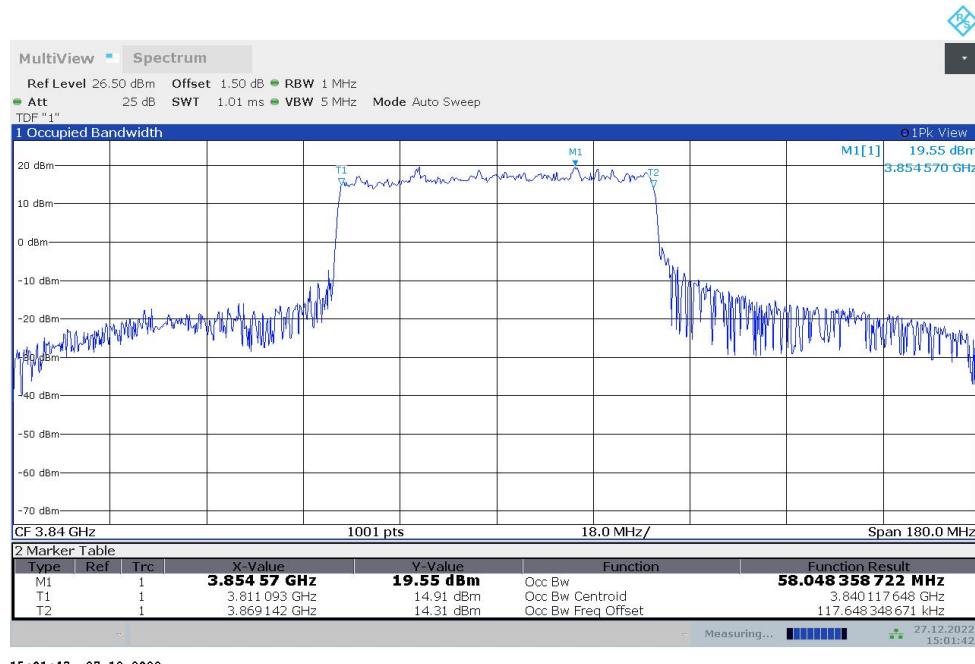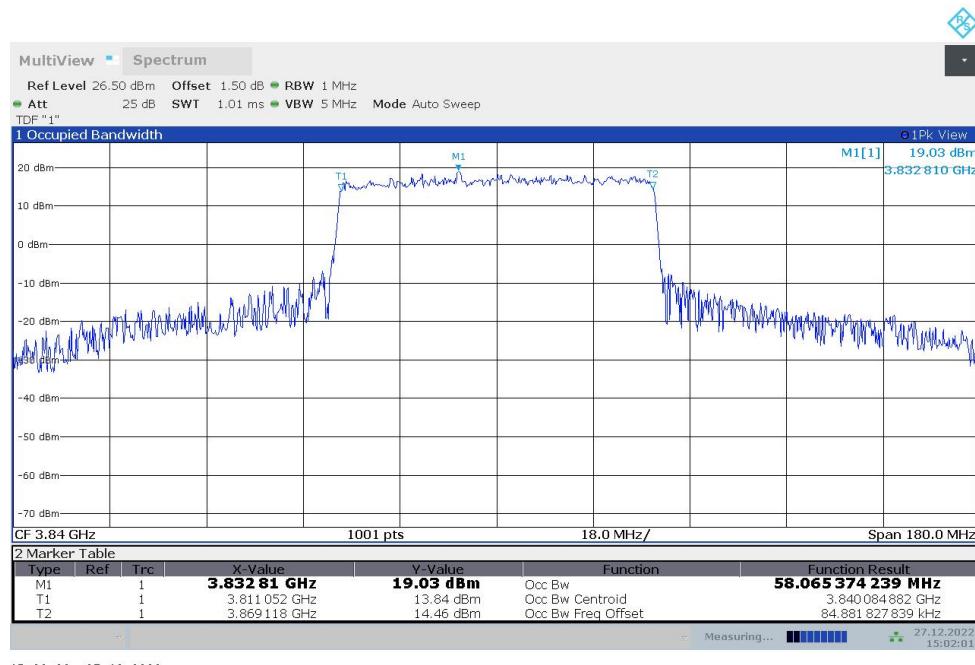
LTE Band 66+NR n77H
n77H,70MHz(99%)

| Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	64.430	64.448

n77H,70MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)
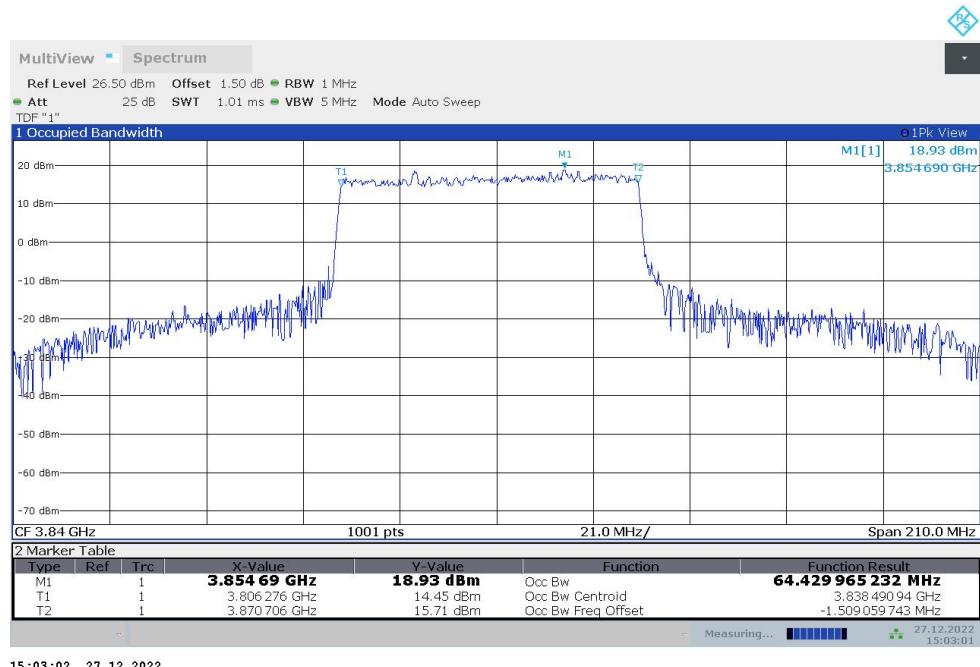
### n77H,70MHz Bandwidth,DFT-s-QPSK (99% BW)
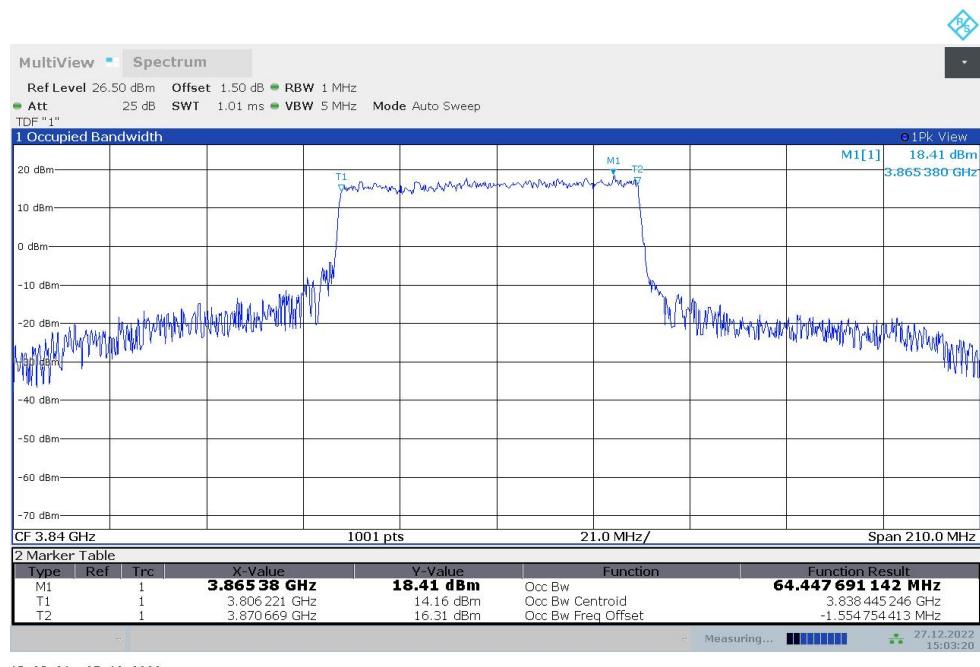
LTE Band 66+NR n77H
n77H,80MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	77.601	77.916

n77H,80MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)
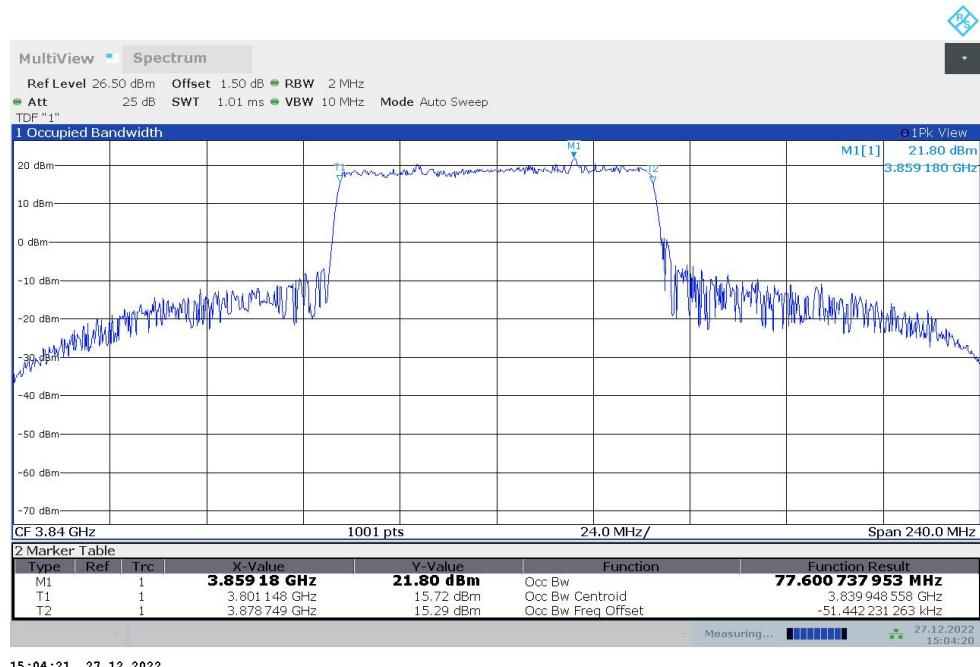
### n77H,80MHz Bandwidth,DFT-s-QPSK (99% BW)
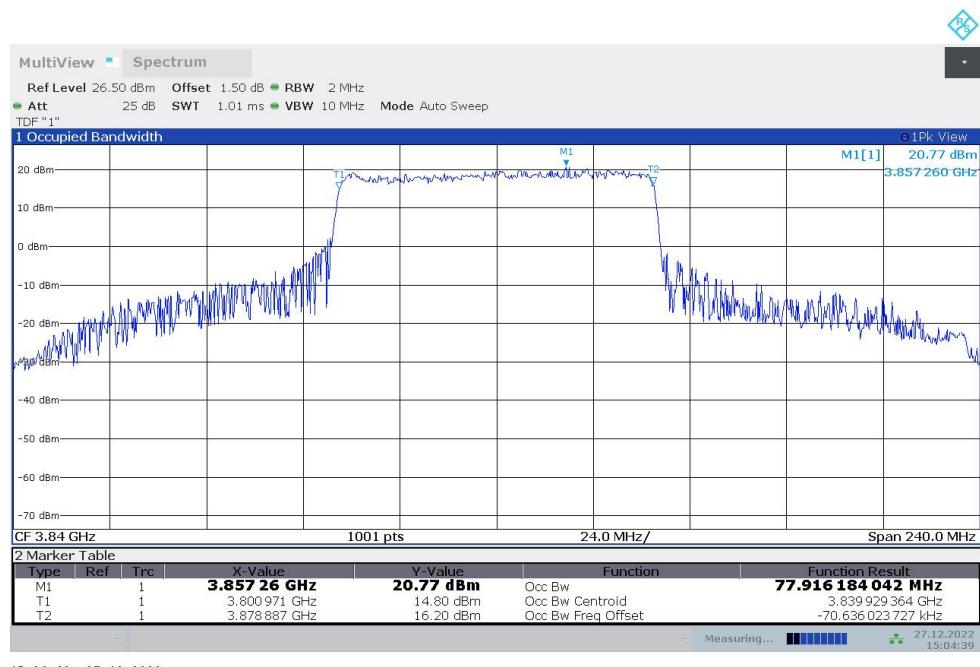
LTE Band 66+NR n77H

n77H,90MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	87.248	87.136

n77H,90MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)
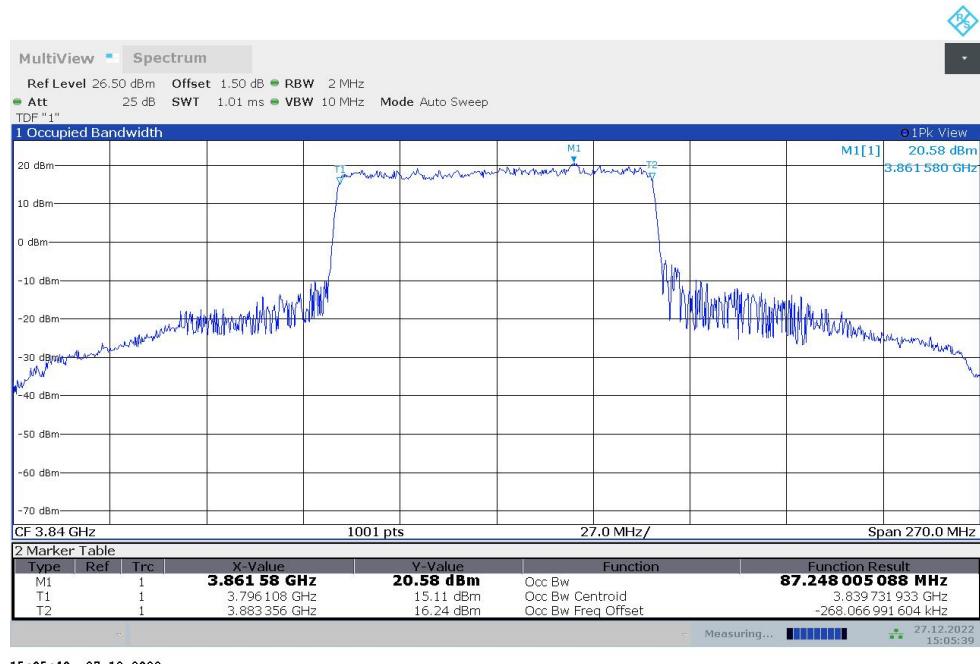
**n77H,90MHz Bandwidth,DFT-s-QPSK (99% BW)**
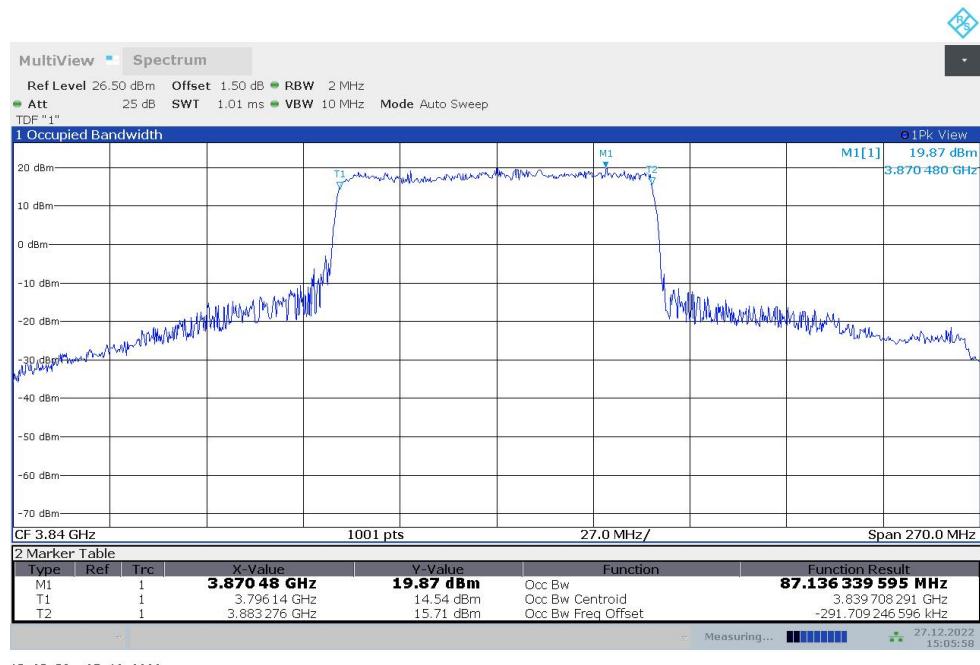
LTE Band 66+NR n77H

n77H,100MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	96.679	96.497

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

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

15:07:18 27.12.2022
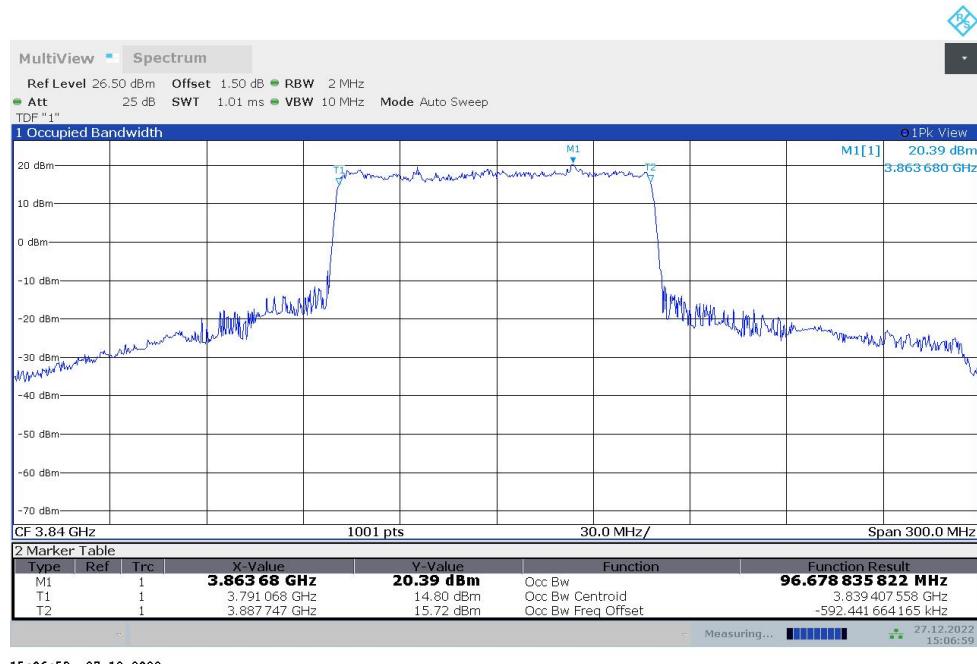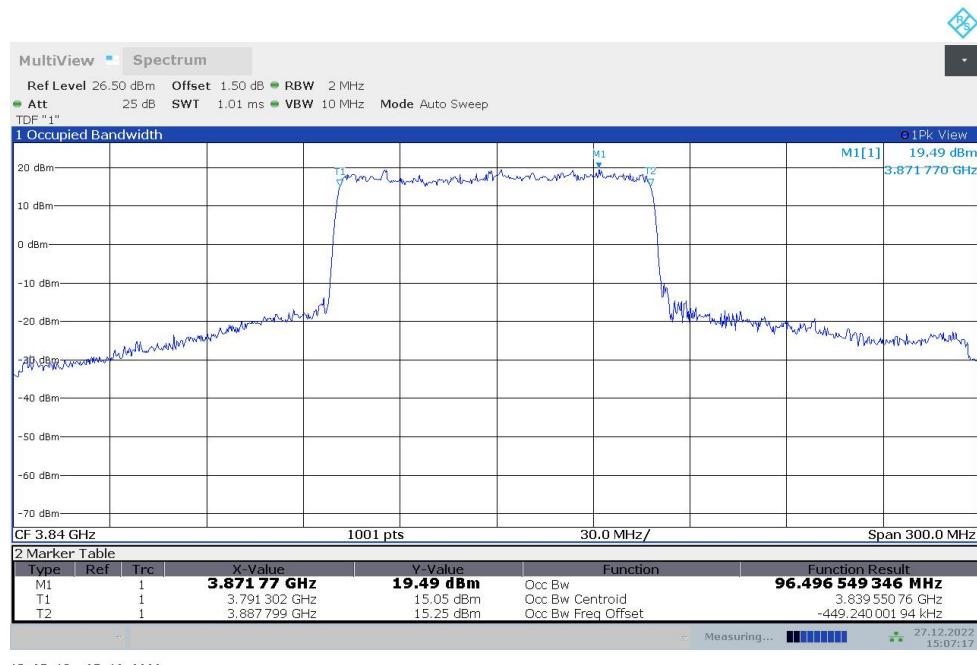
Note: The maximum value of expanded measurement uncertainty for this test item is U = 0.626 kHz, k = 2.

A.4 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.