LTE Band 13+NR n66

n66,15MHz(99%)
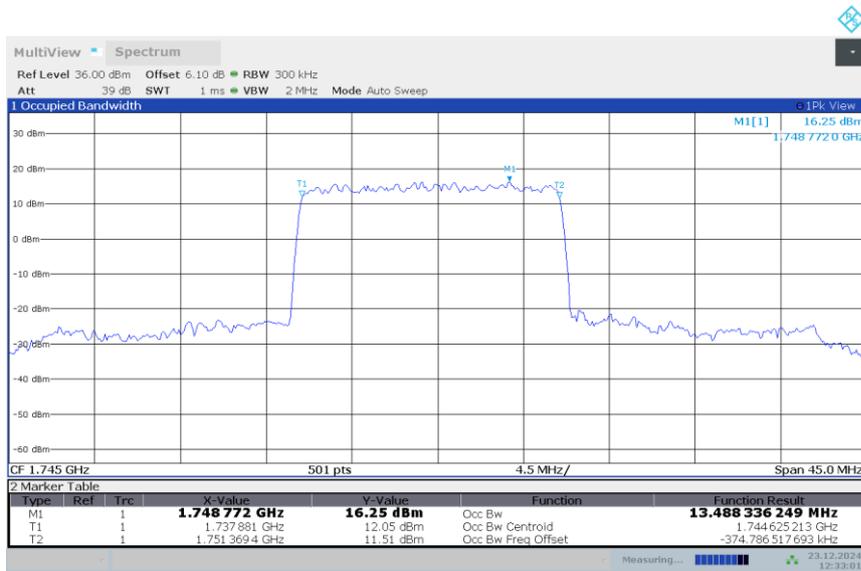
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1745	13.510	13.488	13.541

n66,15MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)

n66,15MHz Bandwidth,DFT-s-QPSK (99% BW)

n66,15MHz Bandwidth,DFT-s-16QAM (99% BW)

MultiView	Spectrum

Ref Level 36.00 dBm Offset 6.10 dB ● RBW 300 kHz
Att 39 dB SWT 1 ms ● VBW 2 MHz Mode Auto Sweep

1 Occupied Bandwidth ● 1Pk View

M1[1] 15.81 dBm
1.745 449 0 GHz

CF 1.745 GHz 501 pts 4.5 MHz/ Span 45.0 MHz

2 Marker Table

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1		1	1.745 449 GHz	15.81 dBm	Occ Bw	13.540 813 064 MHz
T1		1	1.737 856 7 GHz	9.88 dBm	Occ Bw Centroid	1.744 627 083 GHz
T2		1	1.751 397 5 GHz	10.63 dBm	Occ Bw Freq Offset	-372.916 607 981 kHz

Measuring.... 16.01.2025 09:57:15

09:57:16 16.01.2025
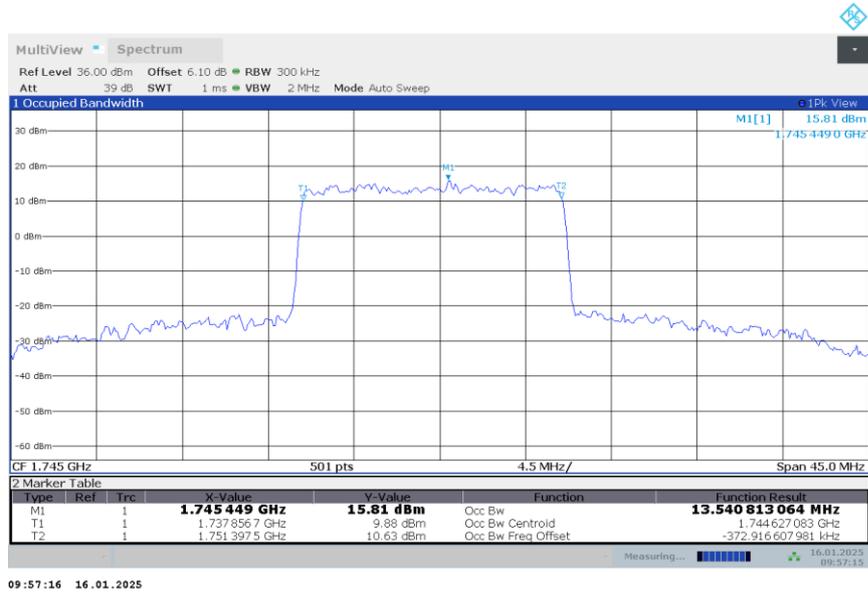
LTE Band 13+NR n66

n66,20MHz(99%)

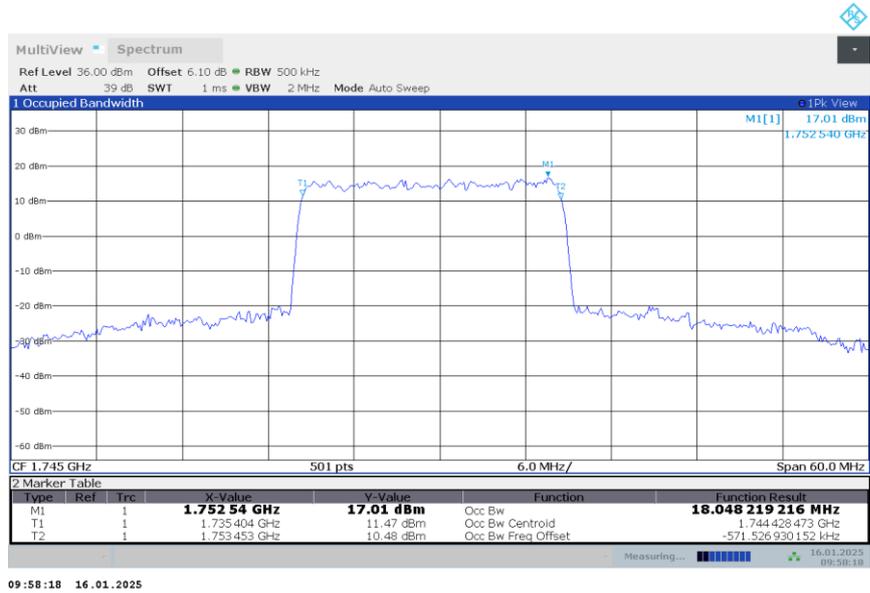| Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1745	18.064	17.991	18.048

n66,20MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)
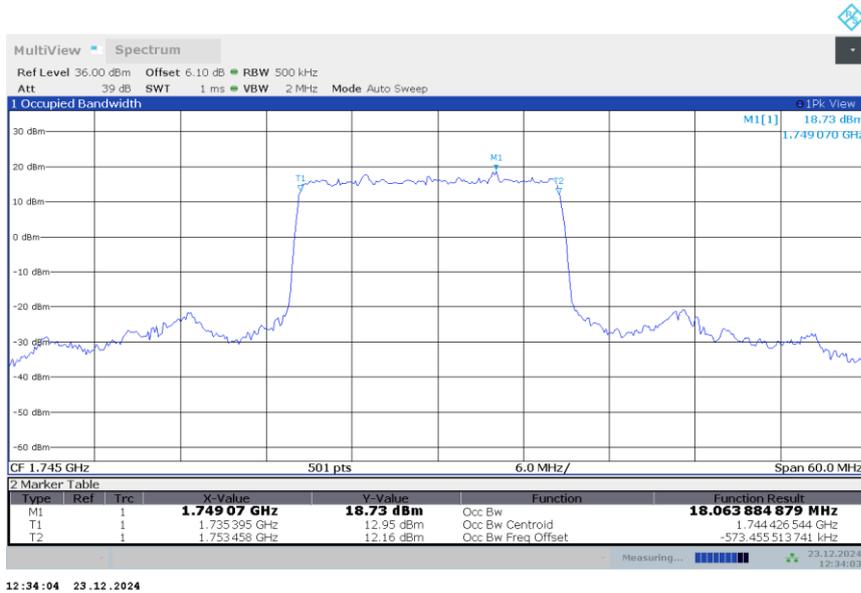
n66,20MHz Bandwidth,DFT-s-QPSK (99% BW)

n66,20MHz Bandwidth,DFT-s-16QAM (99% BW)

09:58:18 16.01.2025
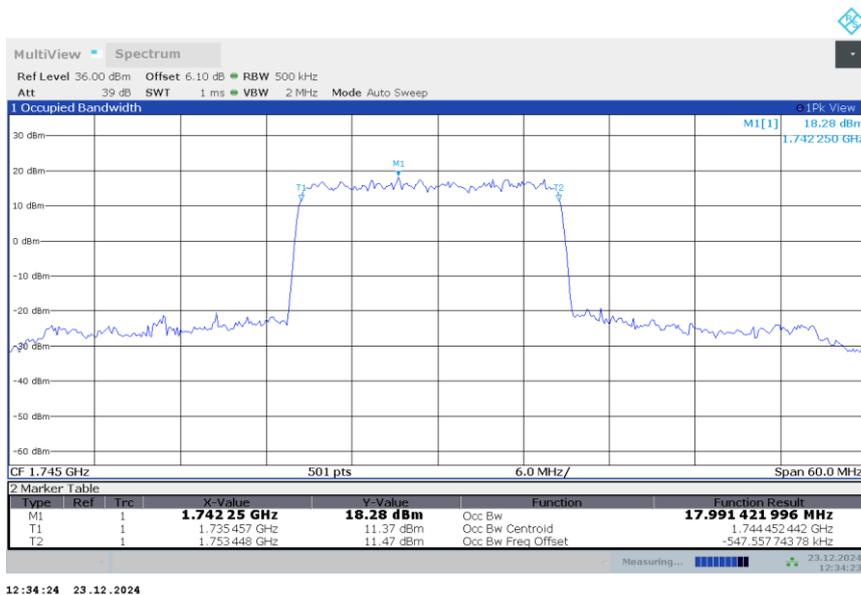
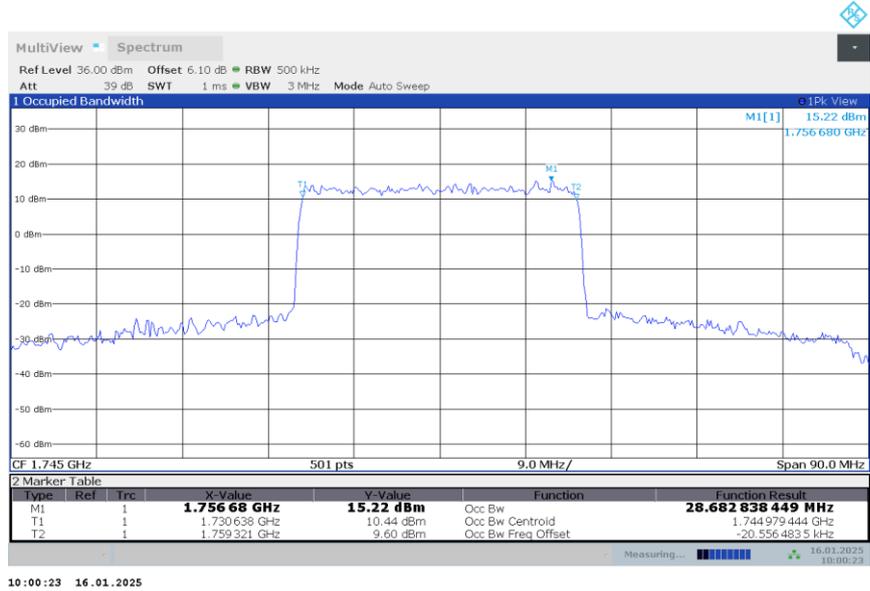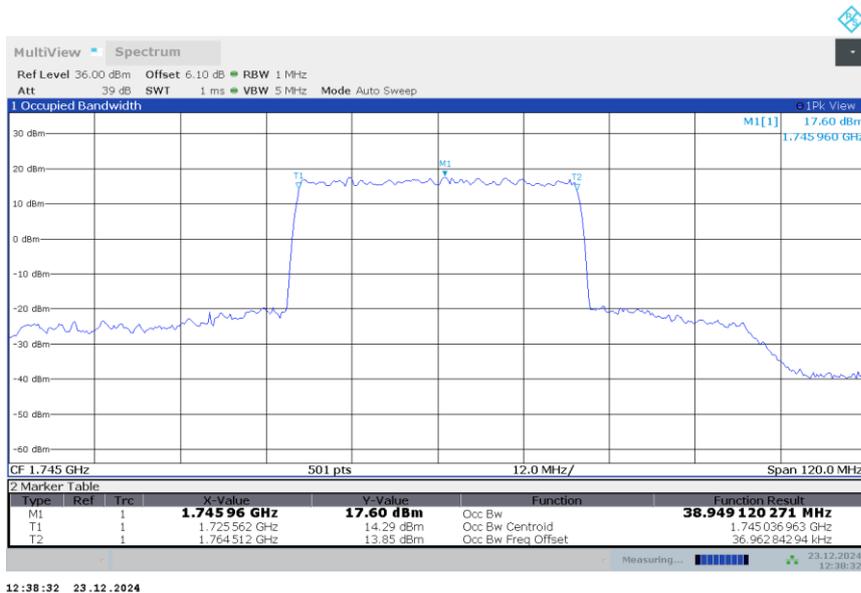**LTE Band 13+NR n66**

n66,25MHz(99%)

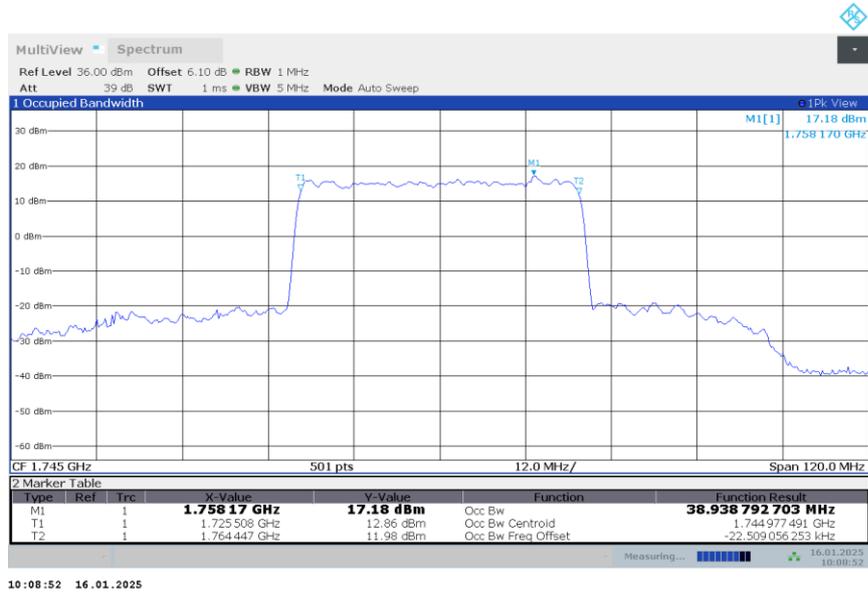| Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1745	23.006	22.982	22.991

n66,25MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)

n66,25MHz Bandwidth,DFT-s-QPSK (99% BW)

n66,25MHz Bandwidth,DFT-s-16QAM (99% BW)

LTE Band 13+NR n66

n66,30MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1745	28.726	28.633	28.683

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

n66,30MHz Bandwidth,DFT-s-QPSK (99% BW)
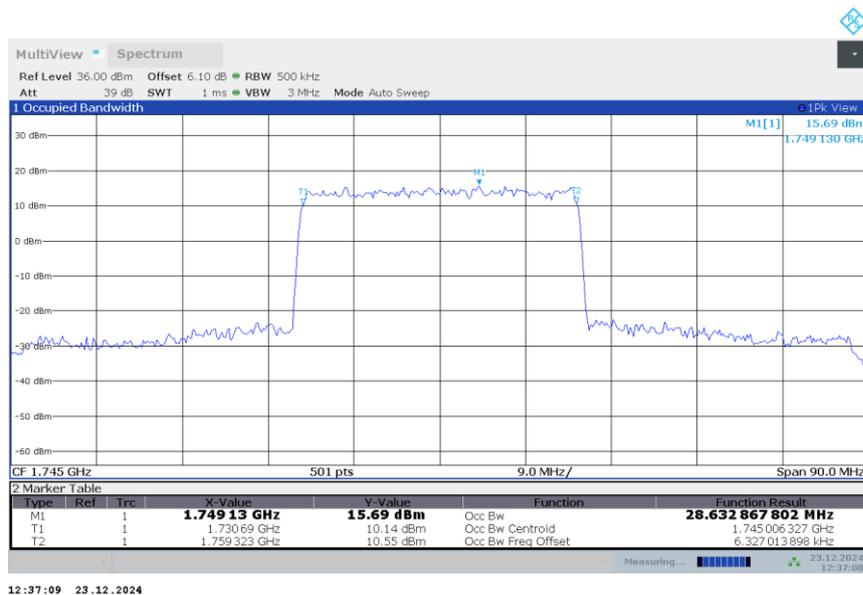
n66,30MHz Bandwidth,DFT-s-16QAM (99% BW)

LTE Band 13+NR n66

n66,40MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1745	38.983	38.949	38.939

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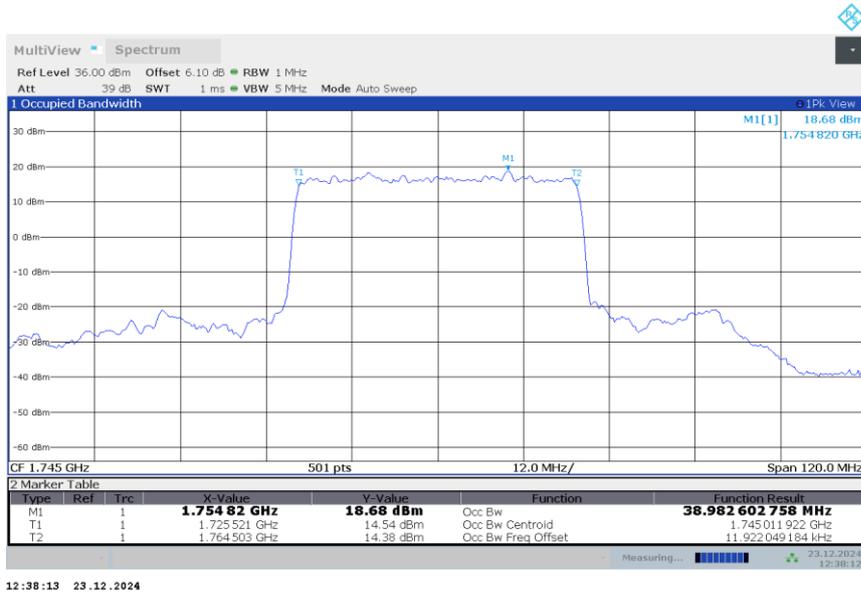
n66,40MHz Bandwidth,DFT-s-QPSK (99% BW)

n66,40MHz Bandwidth,DFT-s-16QAM (99% BW)

LTE Band 2+NR n77L

n77L,10MHz(99%)

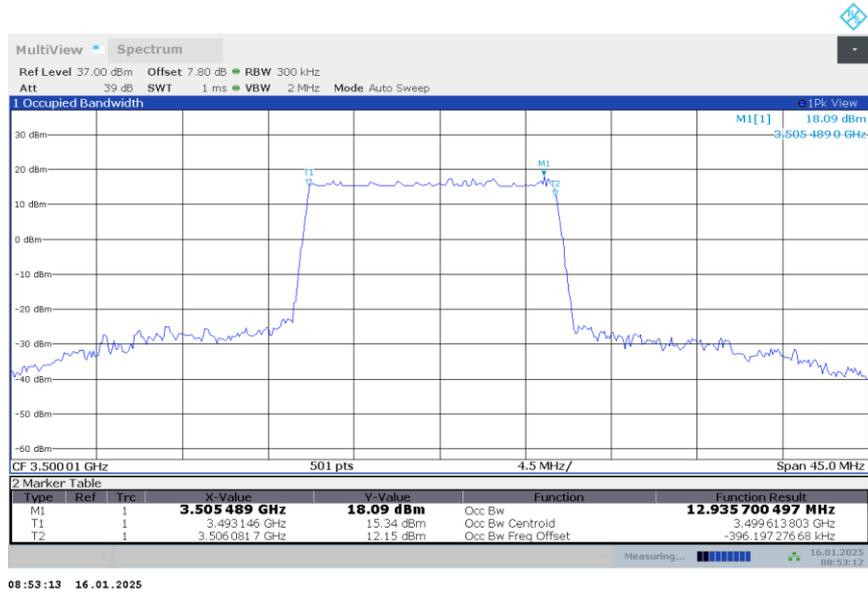| Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3500.01	8.659	8.616	8.652

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

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

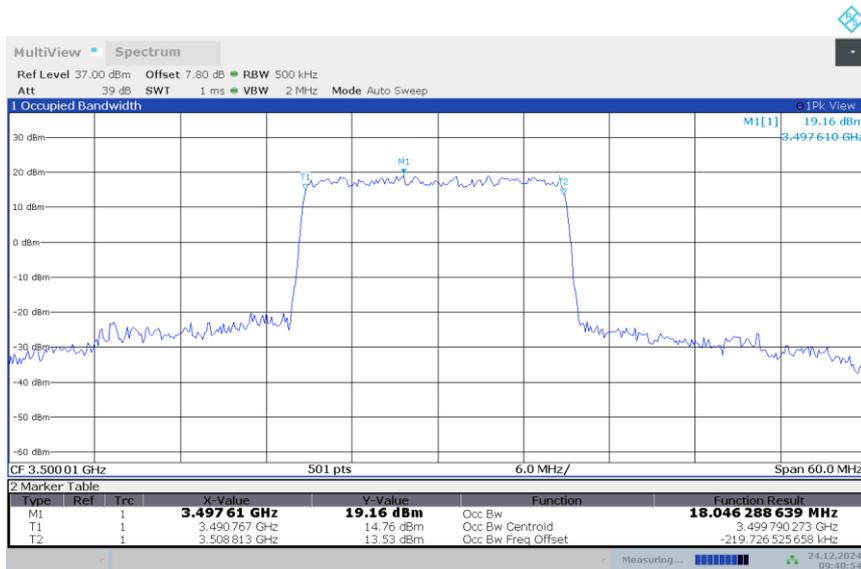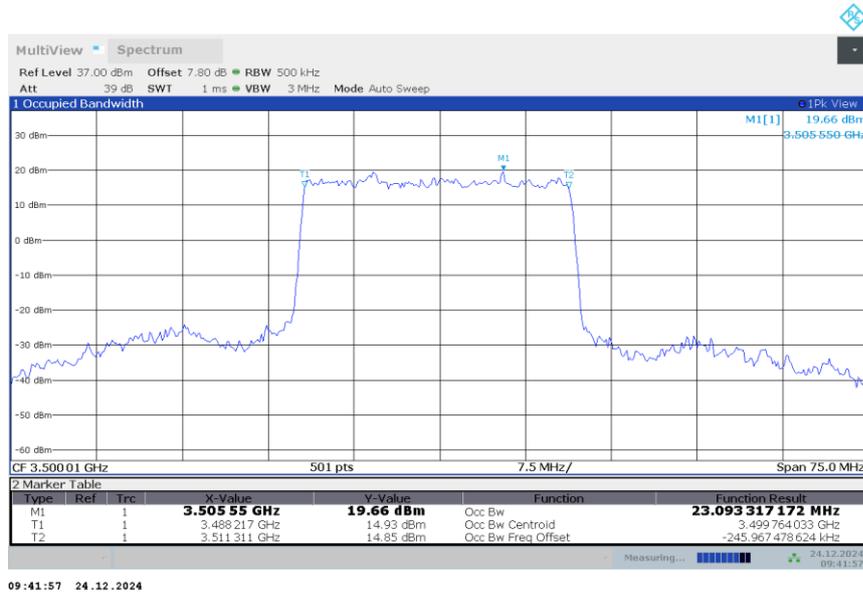## n77L,10MHz Bandwidth,DFT-s-16QAM (99% BW)
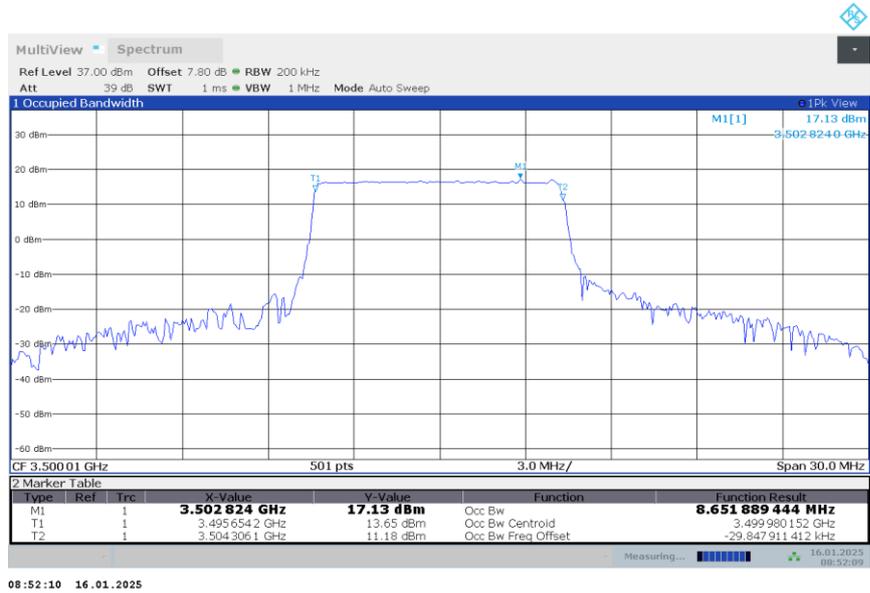
LTE Band 2+NR n77L

n77L,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3500.01	12.974	12.963	12.936

n77L,15MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)
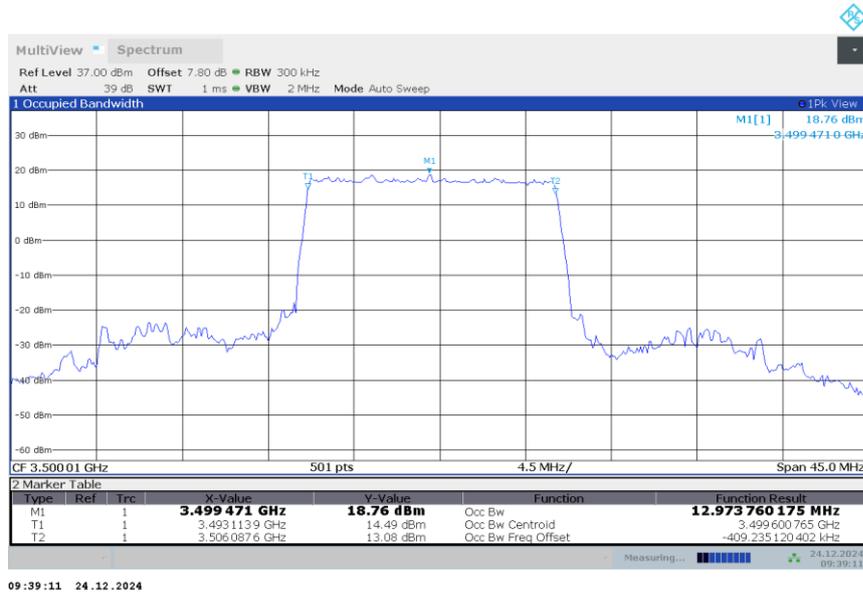
n77L,15MHz Bandwidth,DFT-s-QPSK (99% BW)
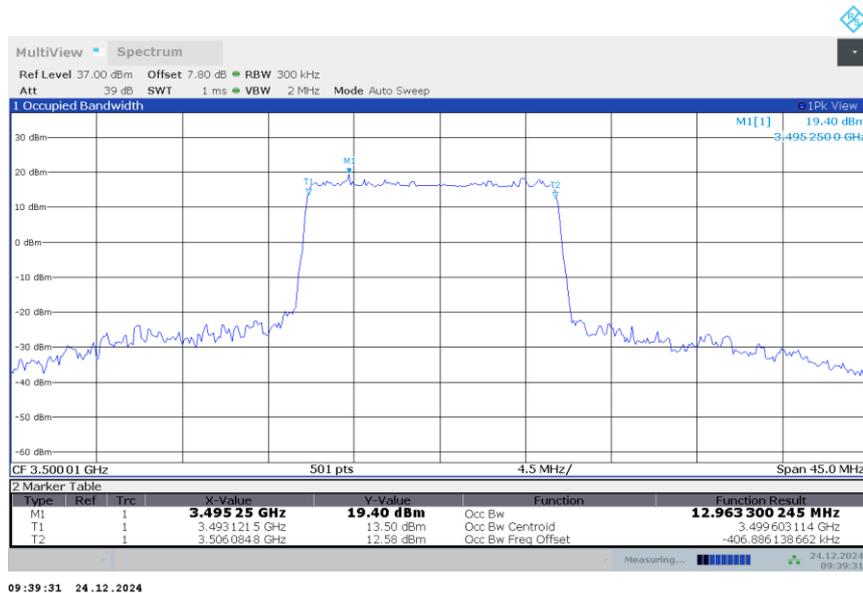
n77L,15MHz Bandwidth,DFT-s-16QAM (99% BW)

LTE Band 2+NR n77L

n77L,20MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3500.01	18.099	18.046	18.067

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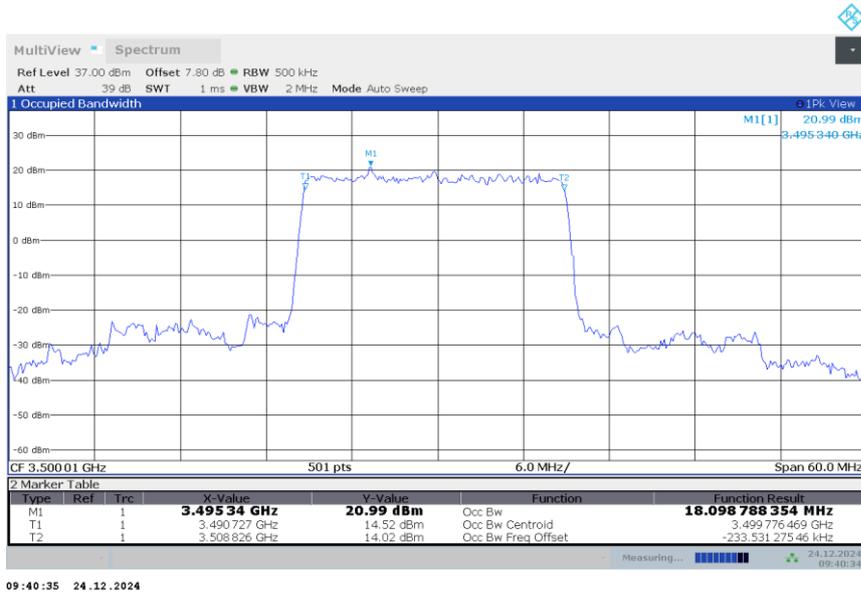
n77L,20MHz Bandwidth,DFT-s-QPSK (99% BW)

n77L,20MHz Bandwidth,DFT-s-16QAM (99% BW)

08:54:15 16.01.2025
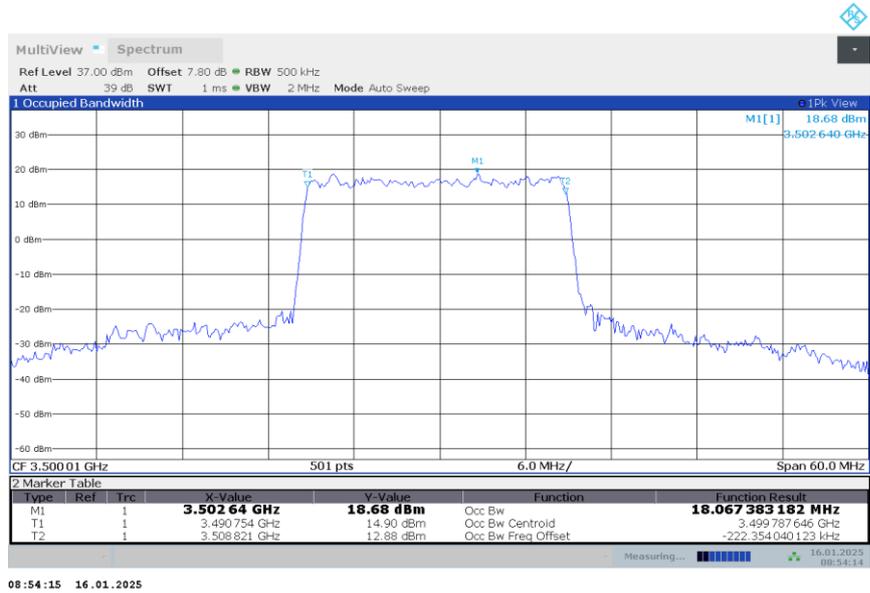
LTE Band 2+NR n77L

n77L,25MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3500.01	23.093	23.062	23.070

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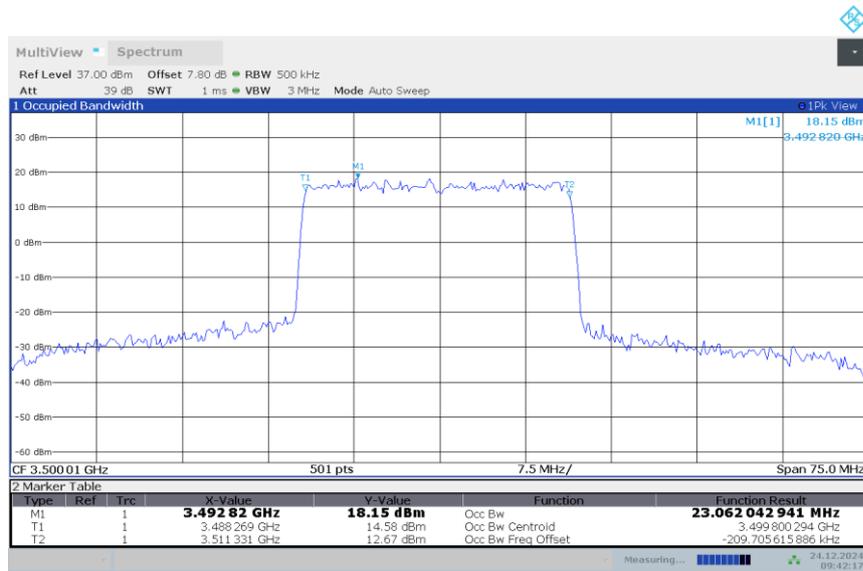
n77L,25MHz Bandwidth,DFT-s-QPSK (99% BW)

n77L,25MHz Bandwidth,DFT-s-16QAM (99% BW)
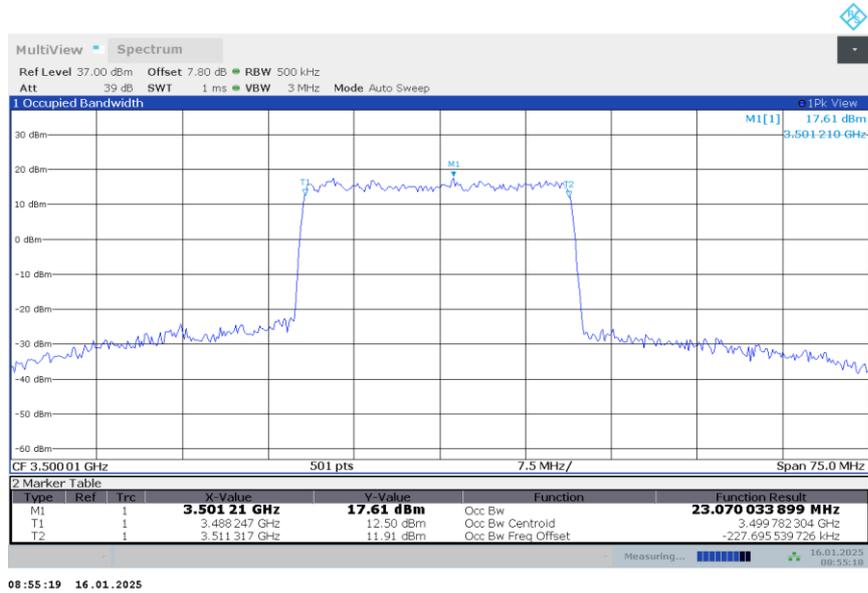
LTE Band 2+NR n77L

n77L,30MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3500.01	26.989	26.972	27.012

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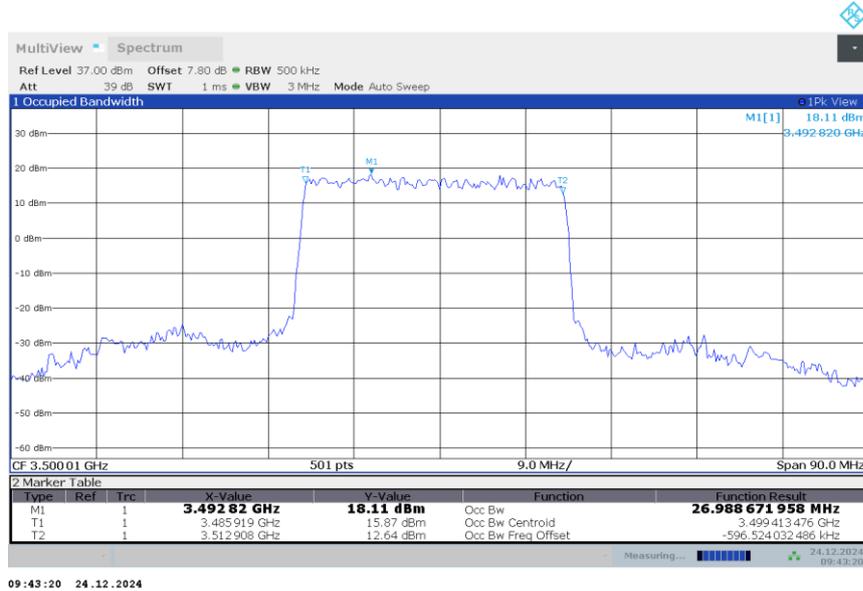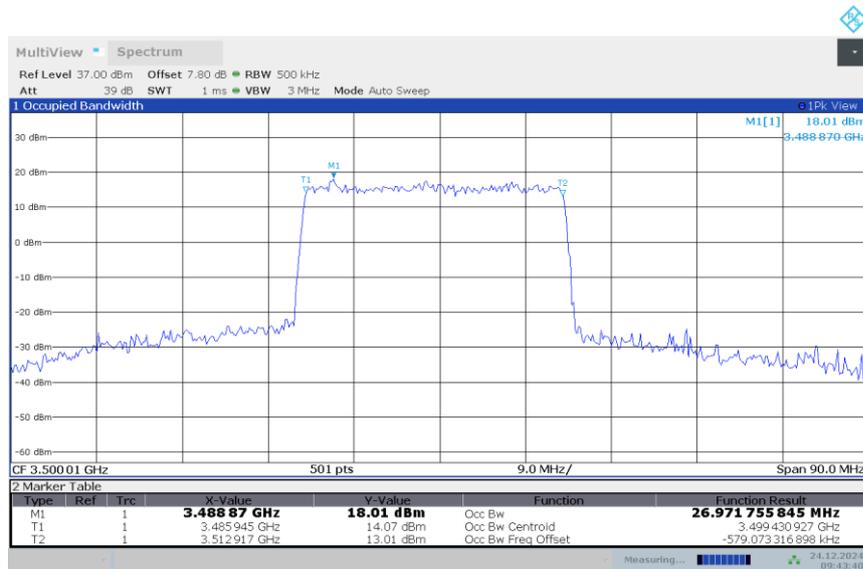
n77L,30MHz Bandwidth,DFT-s-QPSK (99% BW)

n77L,30MHz Bandwidth,DFT-s-16QAM (99% BW)
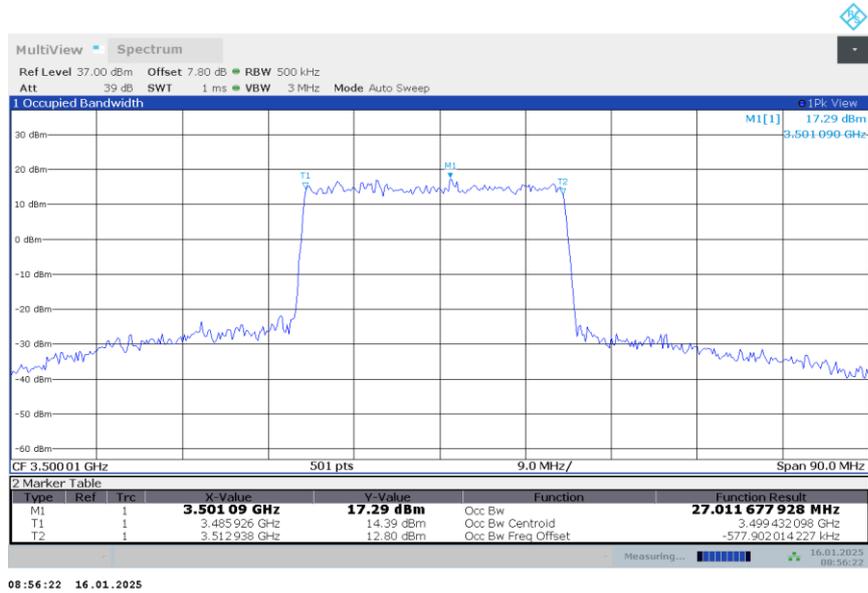
LTE Band 2+NR n77L

n77L,40MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3500.01	36.137	36.002	36.147

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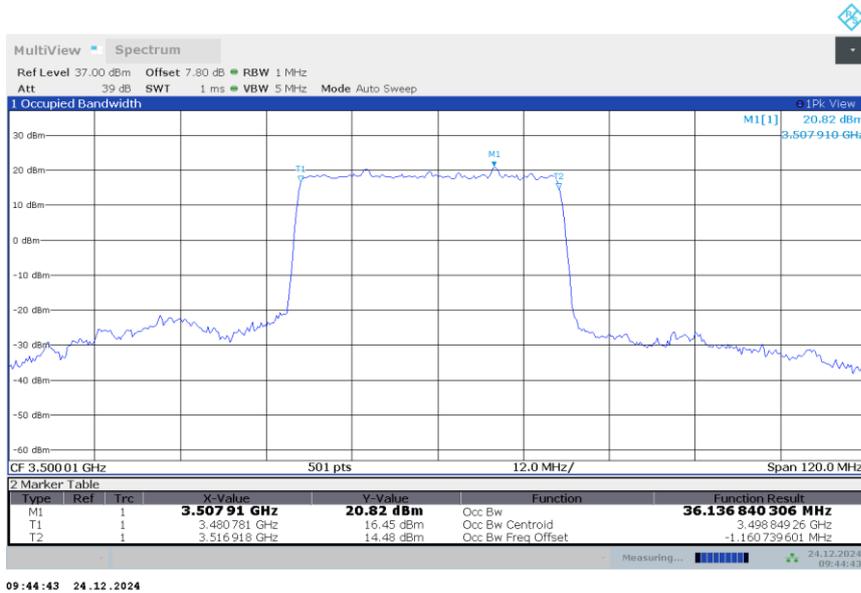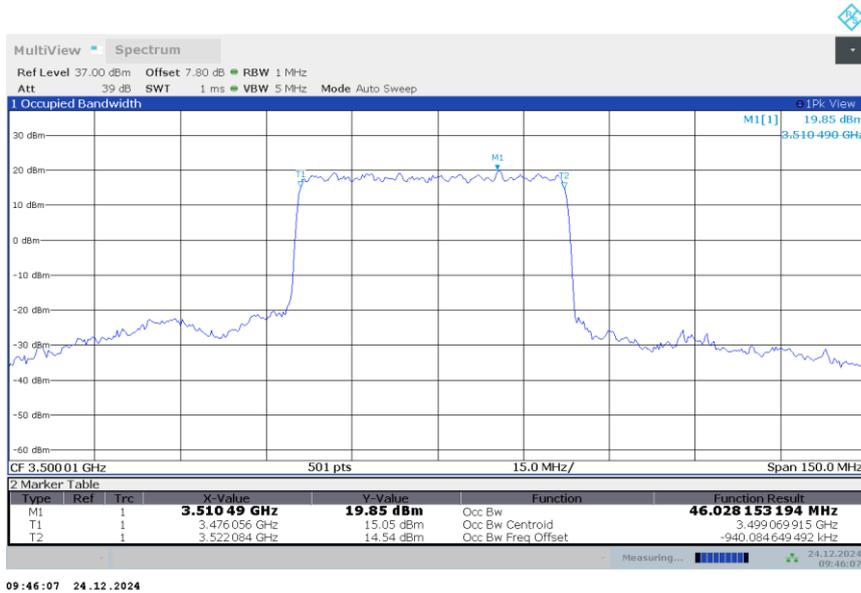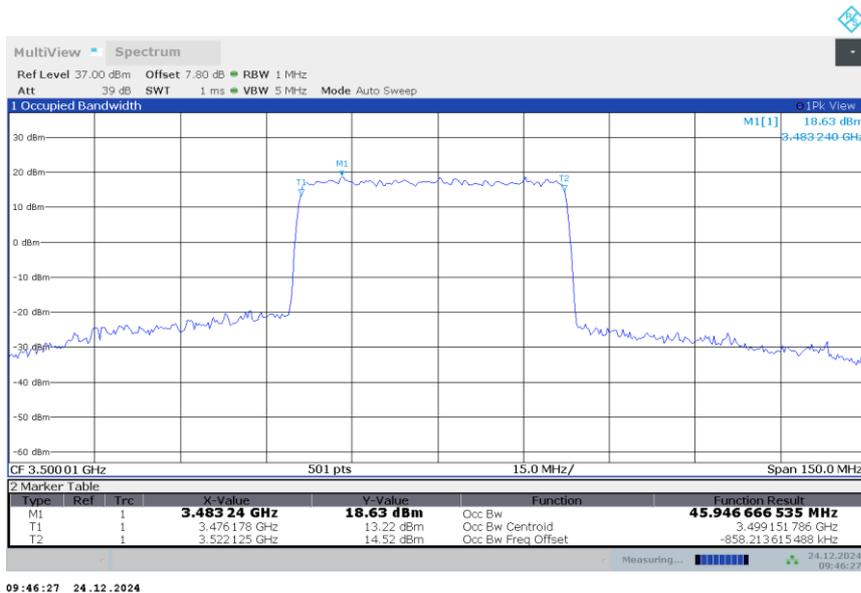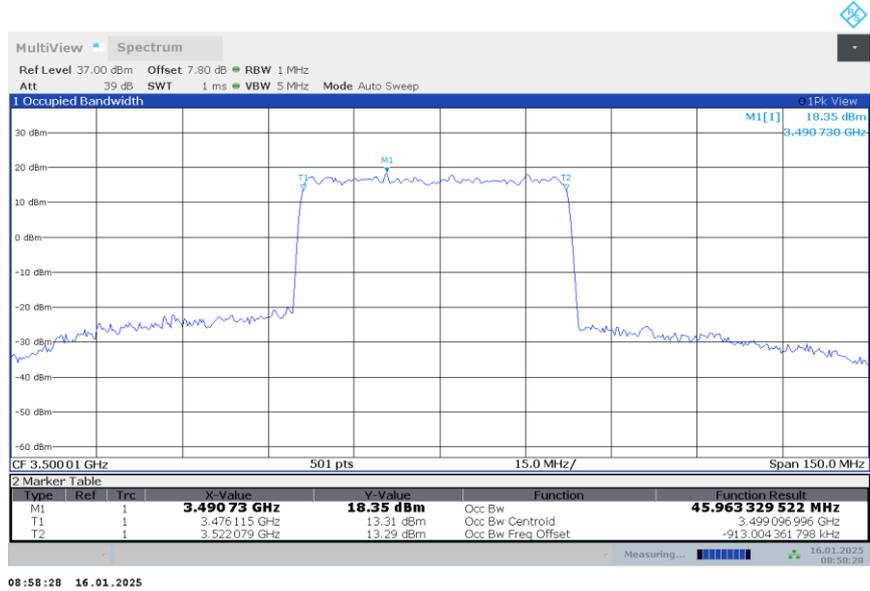

n77L,40MHz Bandwidth,DFT-s-QPSK (99% BW)
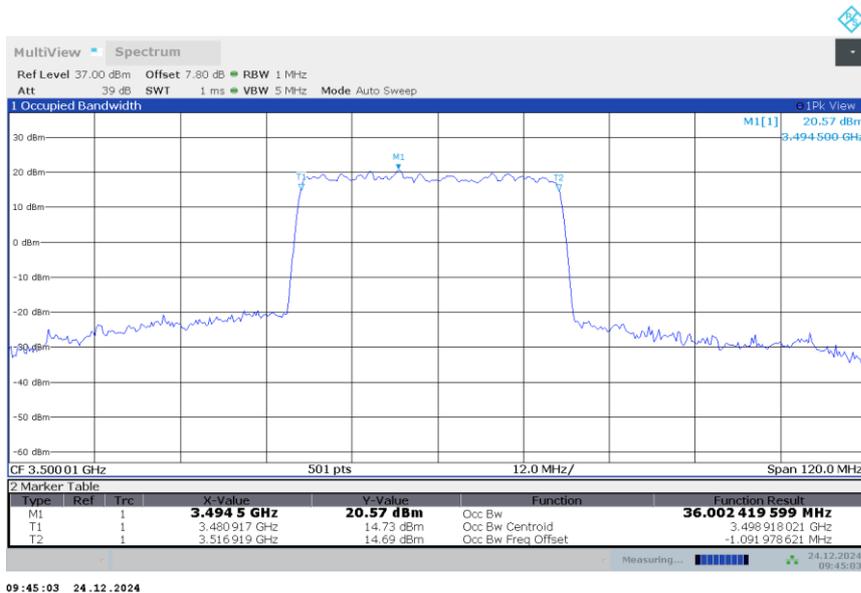
n77L,40MHz Bandwidth,DFT-s-16QAM (99% BW)

LTE Band 2+NR n77L

n77L,50MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3500.01	46.028	45.947	45.963

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

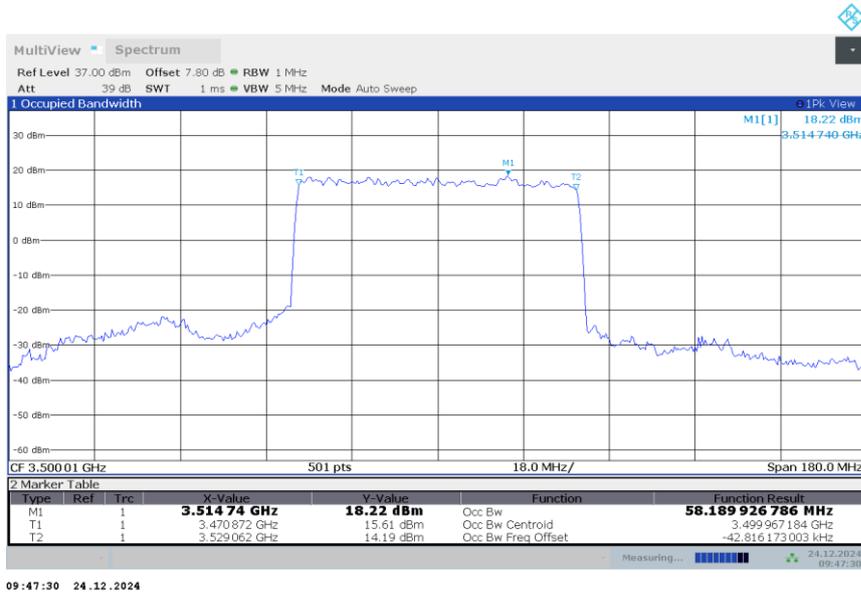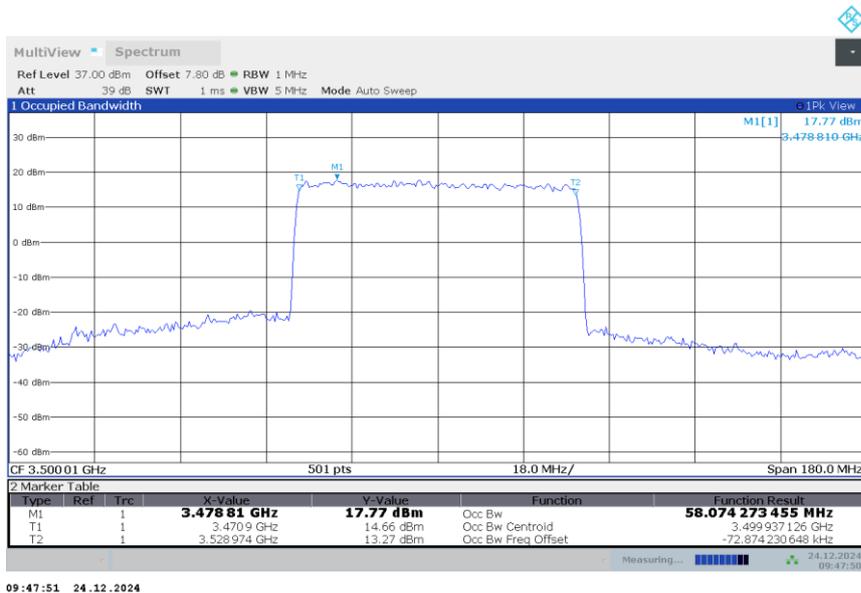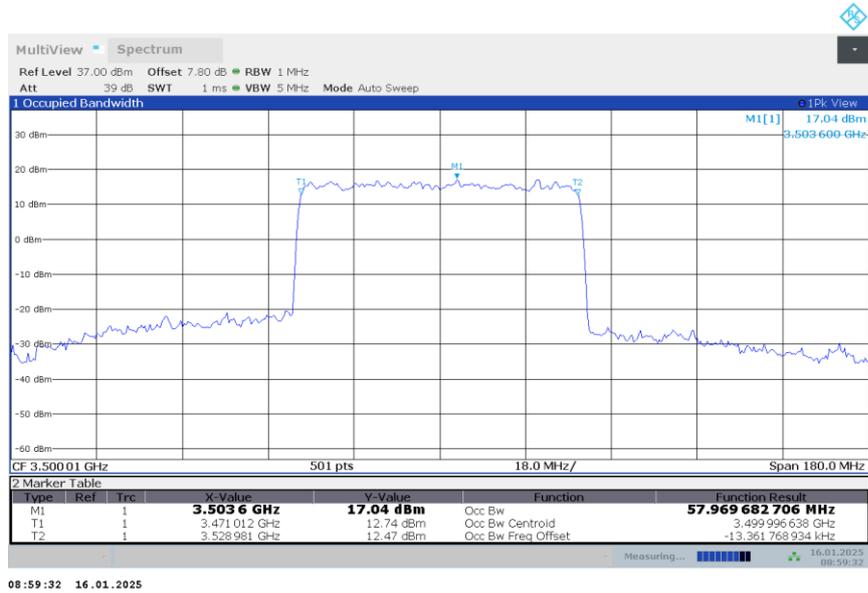**n77L,50MHz Bandwidth,DFT-s-QPSK (99% BW)**

n77L,50MHz Bandwidth,DFT-s-16QAM (99% BW)

08:58:28 16.01.2025

LTE Band 2+NR n77L

n77L,60MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3500.01	58.190	58.074	57.970

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

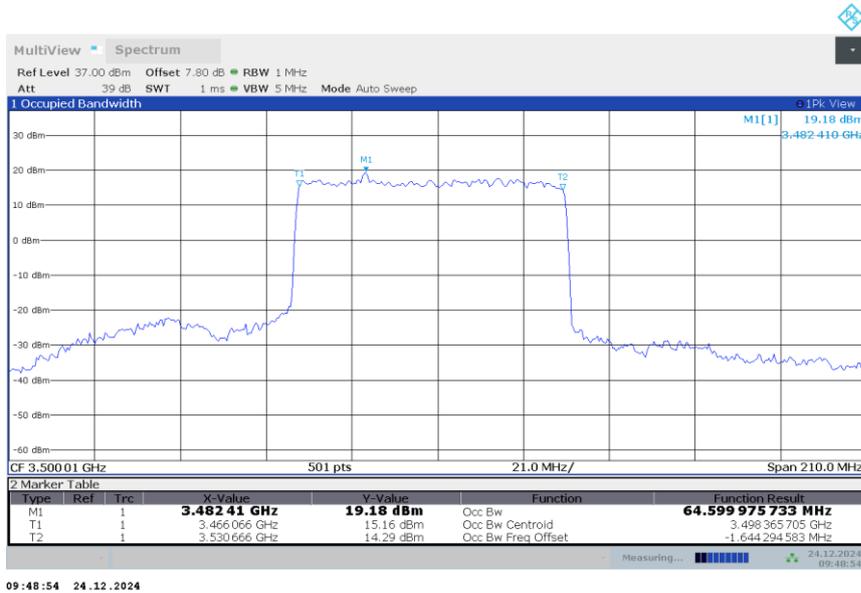**n77L,60MHz Bandwidth,DFT-s-QPSK (99% BW)**
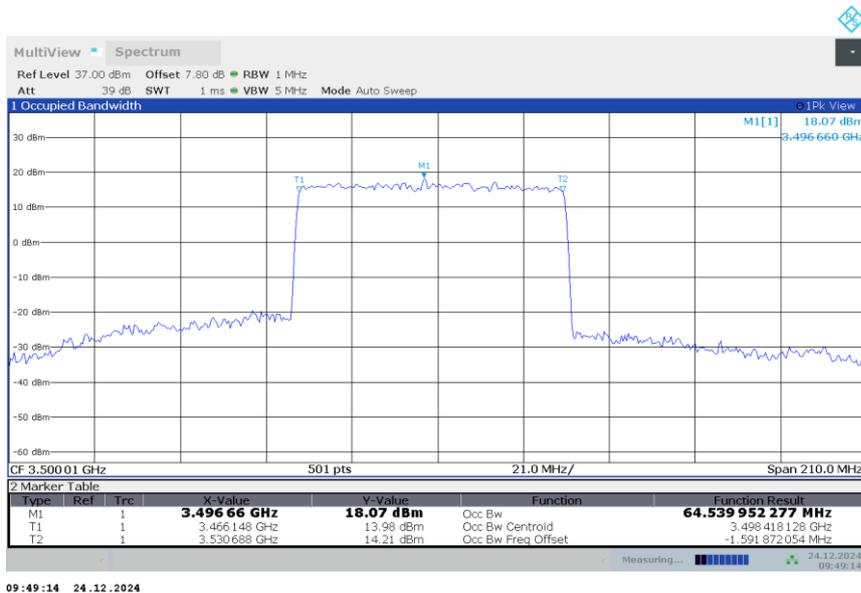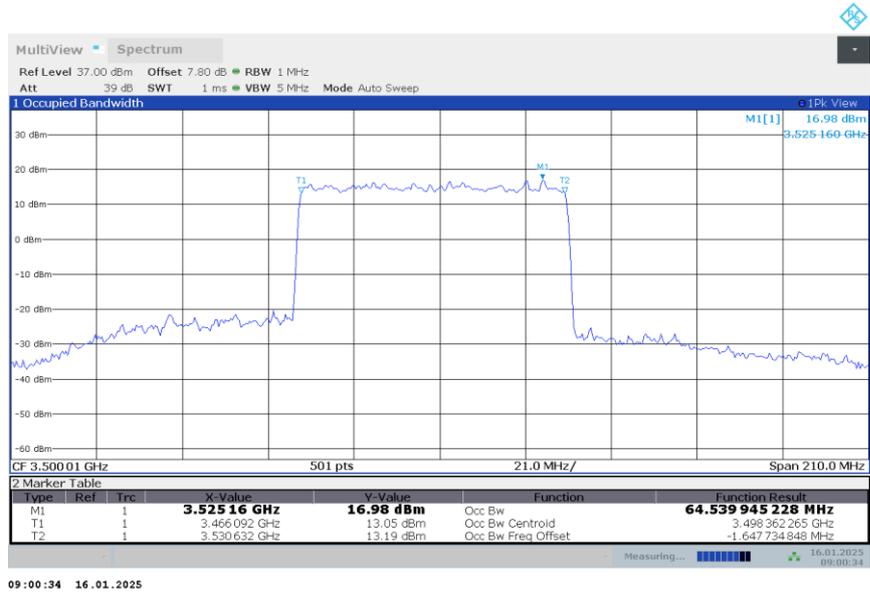
n77L,60MHz Bandwidth,DFT-s-16QAM (99% BW)

LTE Band 2+NR n77L

n77L,70MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3500.01	64.600	64.540	64.540

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

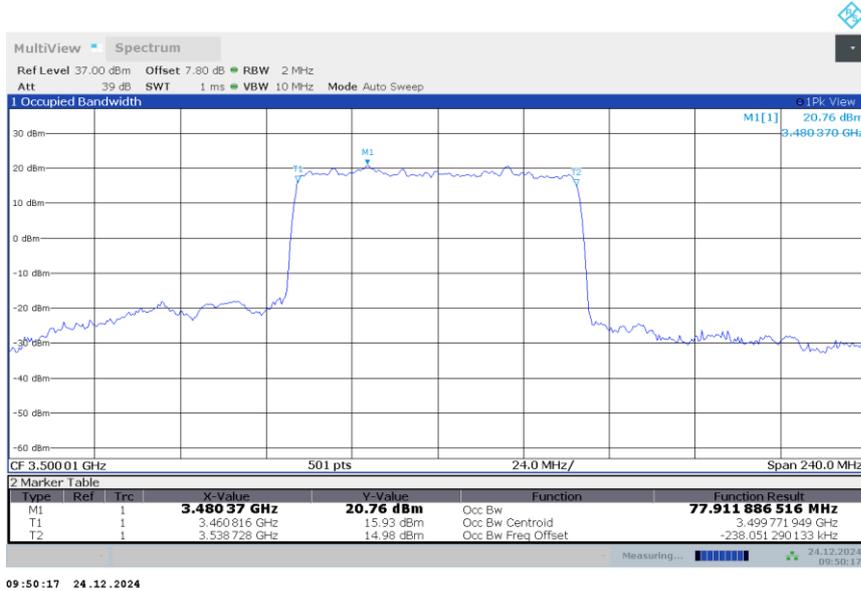**n77L,70MHz Bandwidth,DFT-s-QPSK (99% BW)**

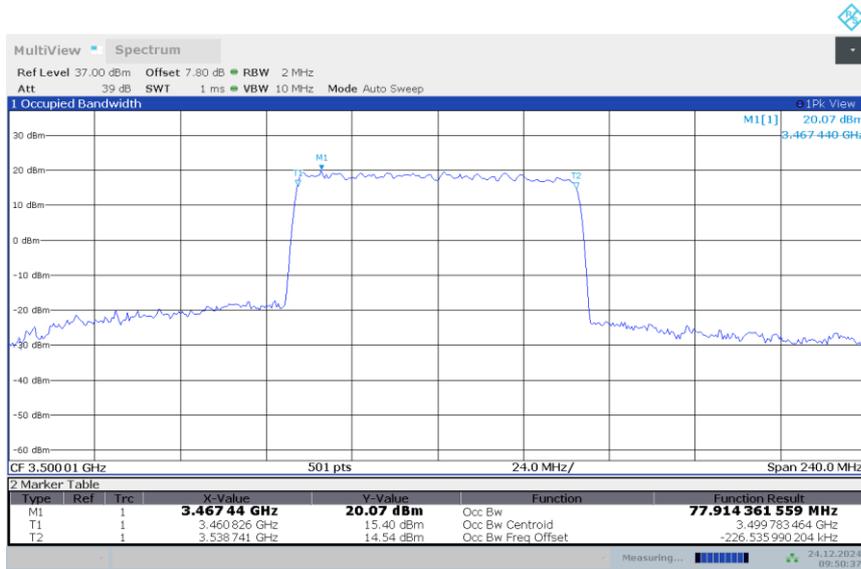**n77L,70MHz Bandwidth,DFT-s-16QAM (99% BW)**

LTE Band 2+NR n77L

n77L,80MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3500.01	77.912	77.914	77.762

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

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

n77L,80MHz Bandwidth,DFT-s-16QAM (99% BW)
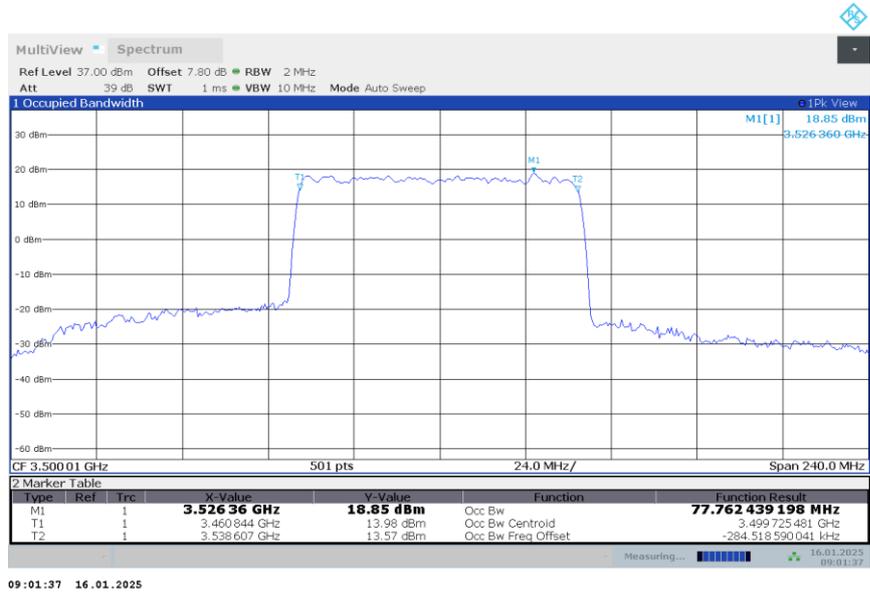
LTE Band 2+NR n77L

n77L,90MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3500.01	87.555	87.107	87.290

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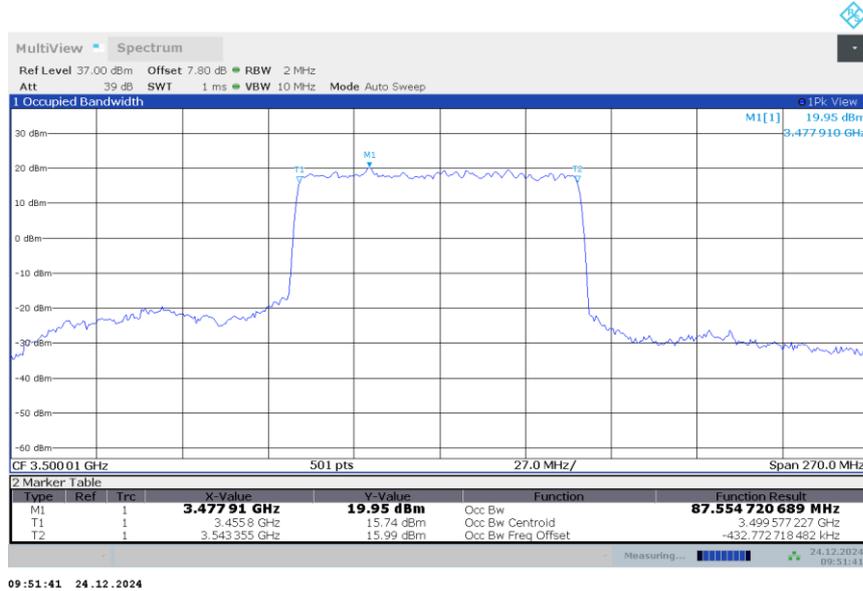
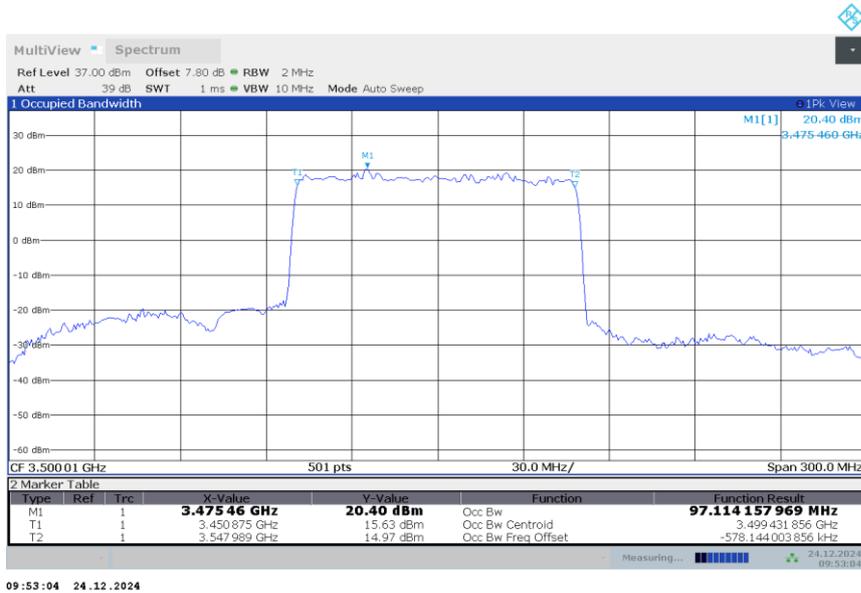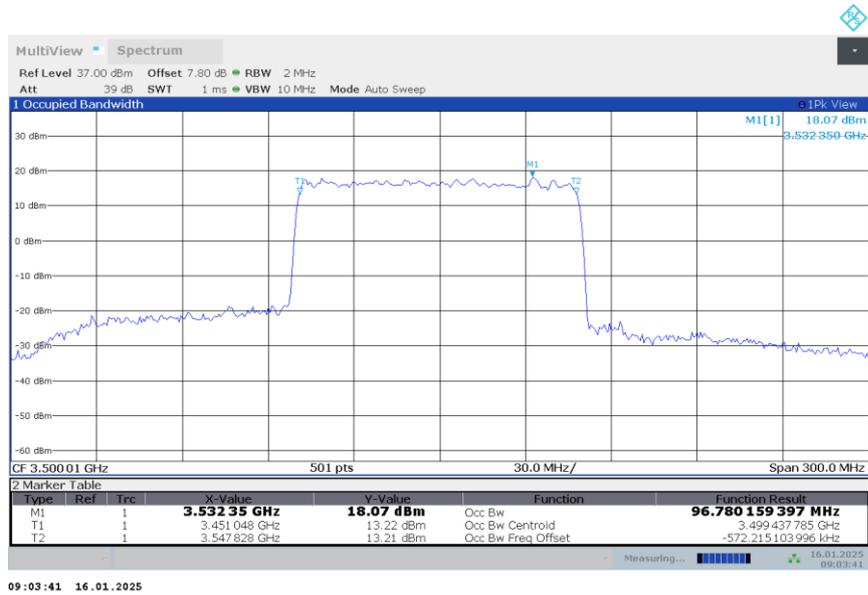**n77L,90MHz Bandwidth,DFT-s-QPSK (99% BW)**

n77L,90MHz Bandwidth,DFT-s-16QAM (99% BW)

09:02:39 16.01.2025
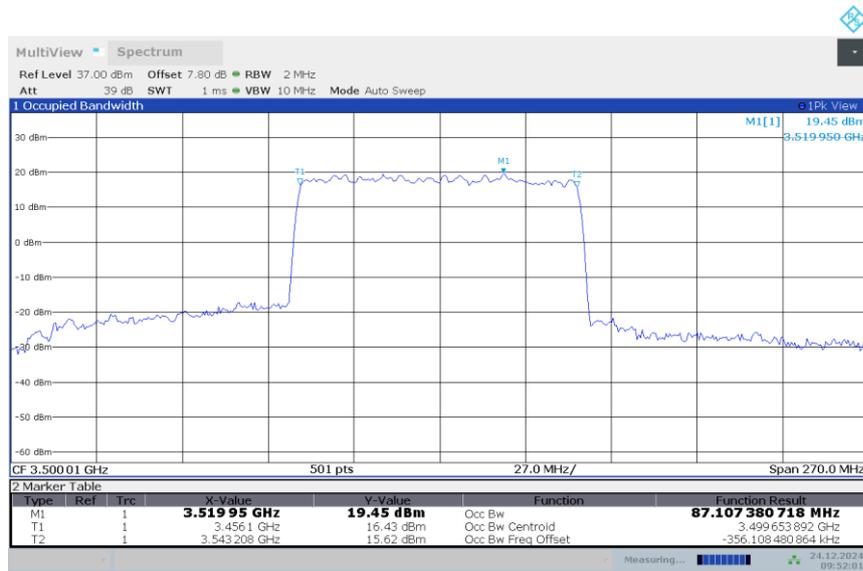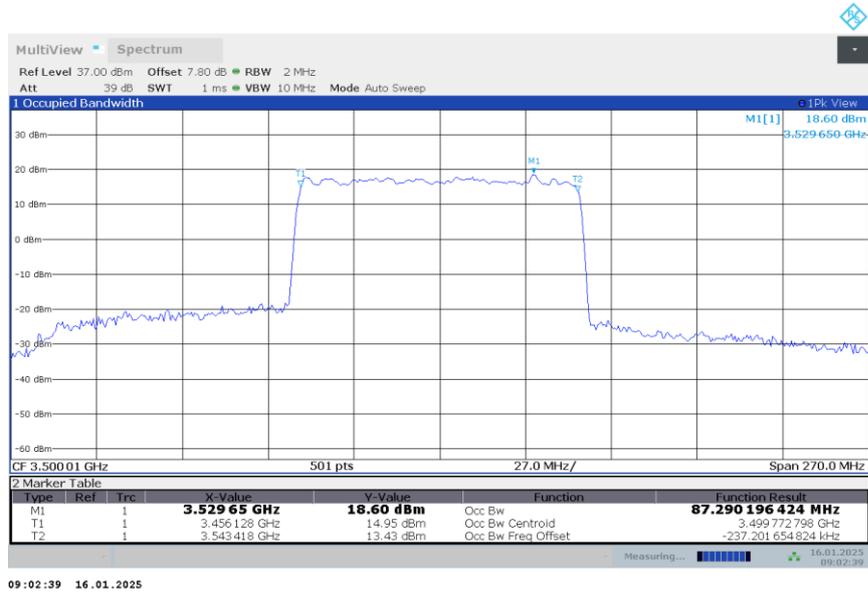
LTE Band 2+NR n77L

n77L,100MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3500.01	97.114	96.878	96.780

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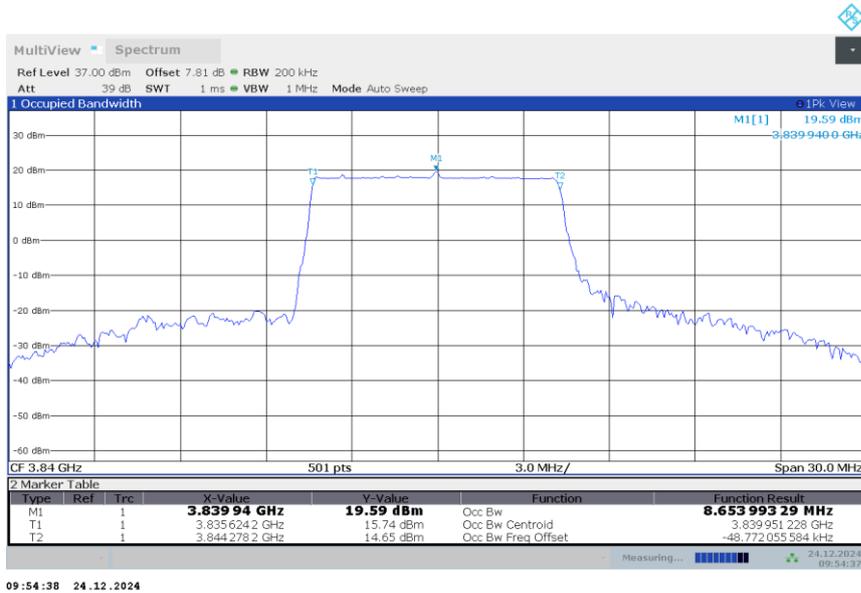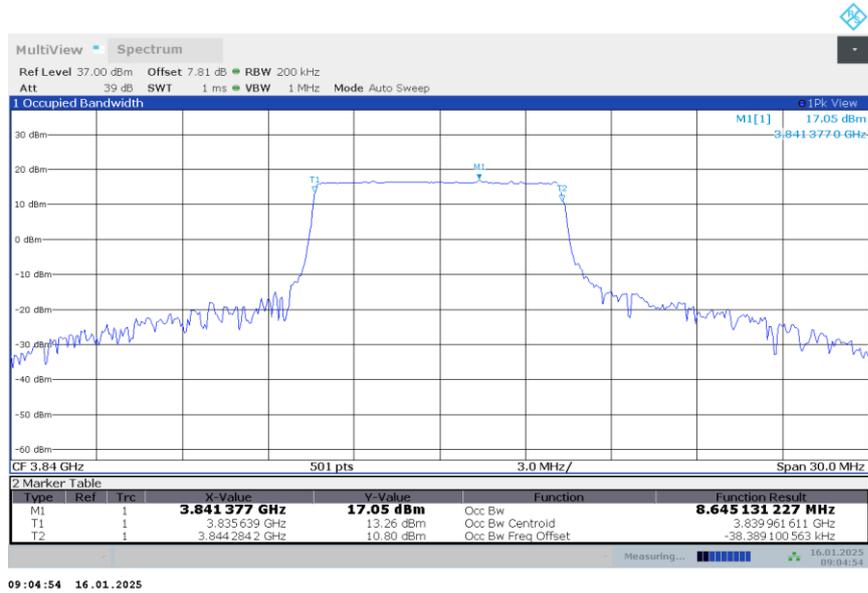
n77L,100MHz Bandwidth,DFT-s-QPSK (99% BW)

09:53:24 24.12.2024

n77L,100MHz Bandwidth,DFT-s-16QAM (99% BW)

09:03:41 16.01.2025

LTE Band 5+NR n77H

n77H,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	8.654	8.625	8.645

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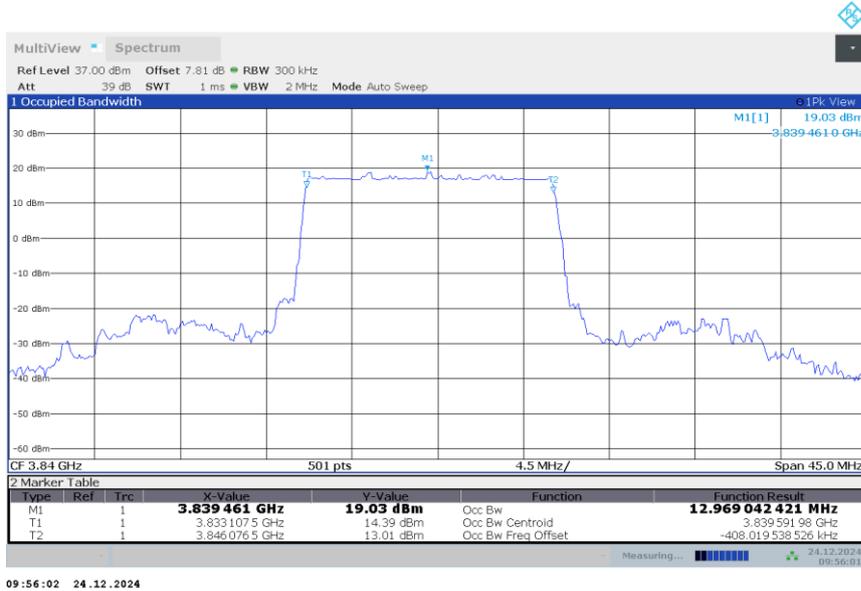

n77H,10MHz Bandwidth,DFT-s-QPSK (99% BW)

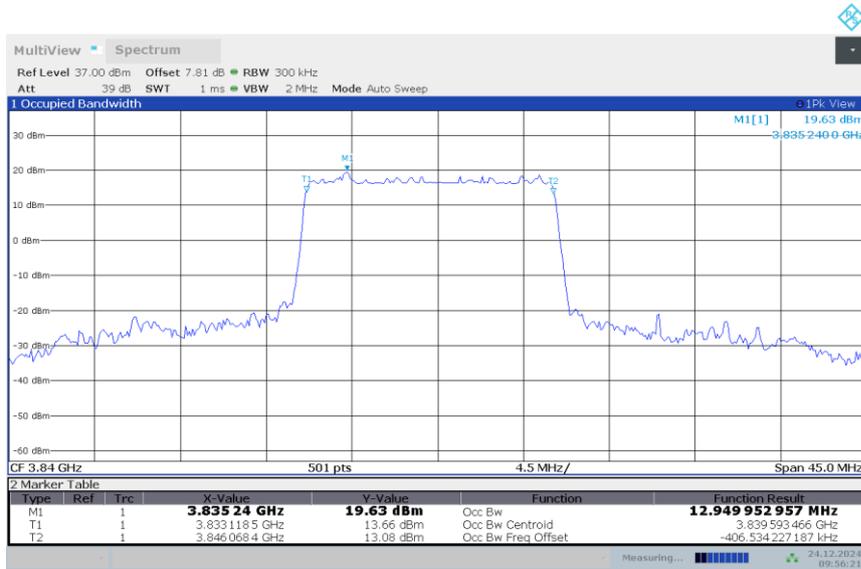**n77H,10MHz Bandwidth,DFT-s-16QAM (99% BW)**

LTE Band 5+NR n77H

n77H,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	12.969	12.950	12.938

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)

09:05:56 16.01.2025
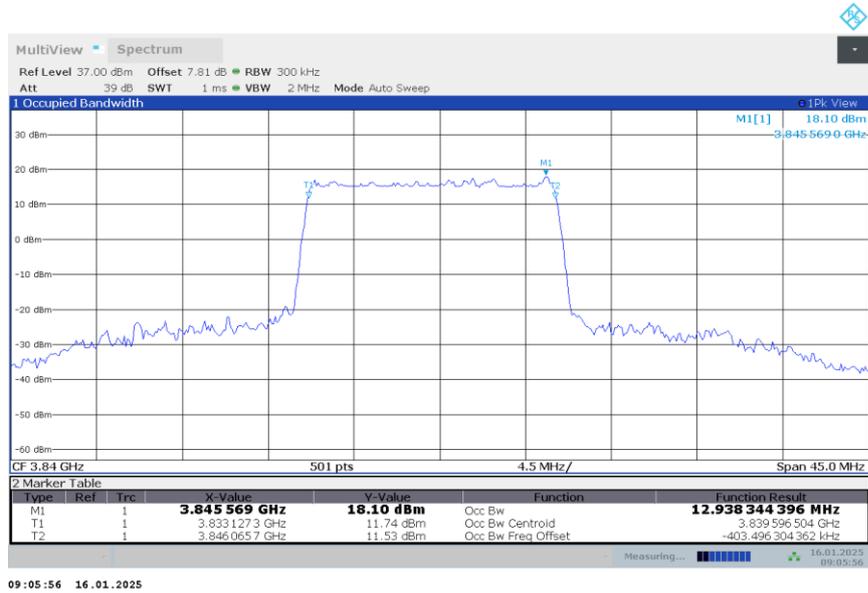
LTE Band 5+NR n77H

n77H,20MHz(99%)

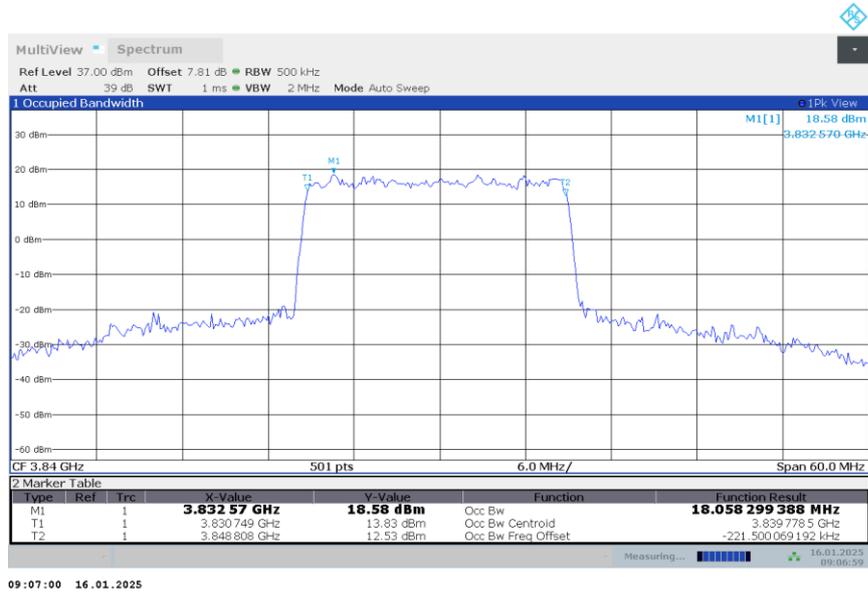| Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	18.092	18.050	18.058

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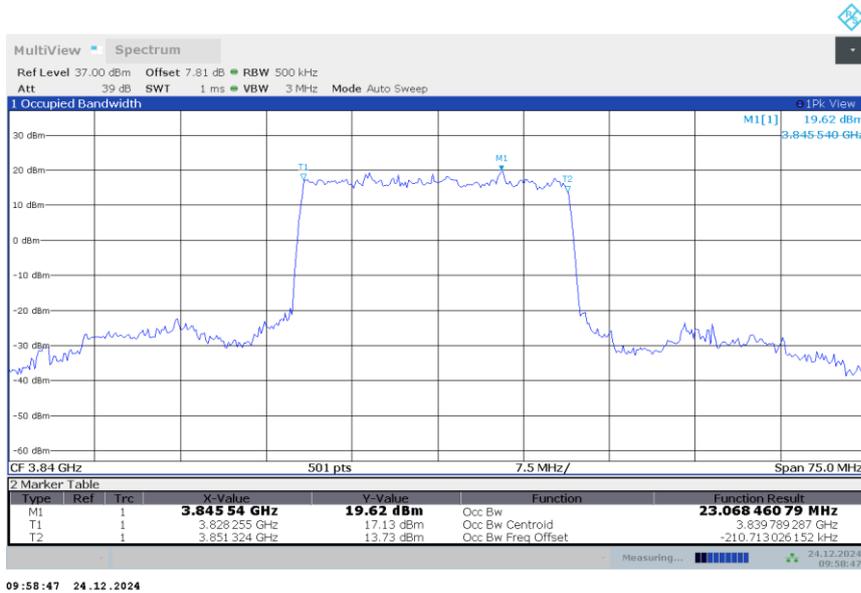

n77H,20MHz Bandwidth,DFT-s-QPSK (99% BW)
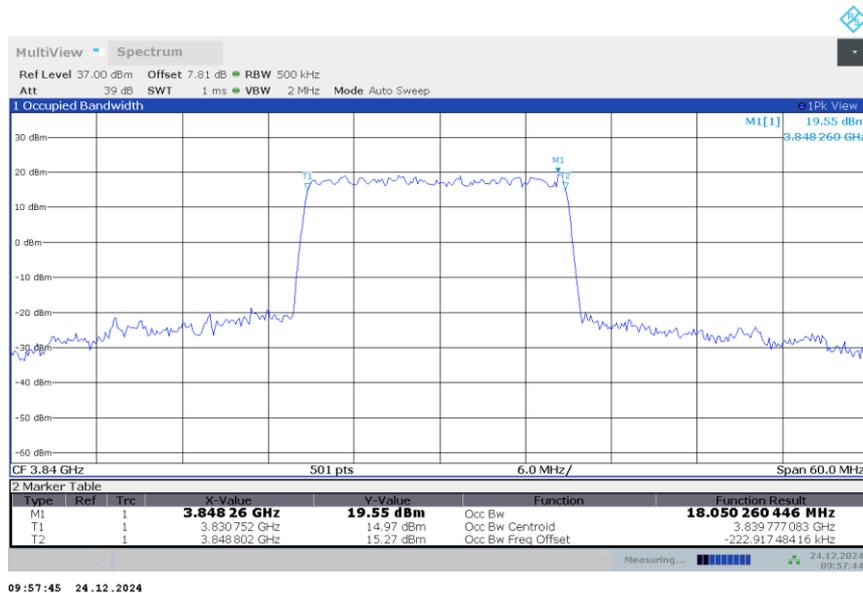
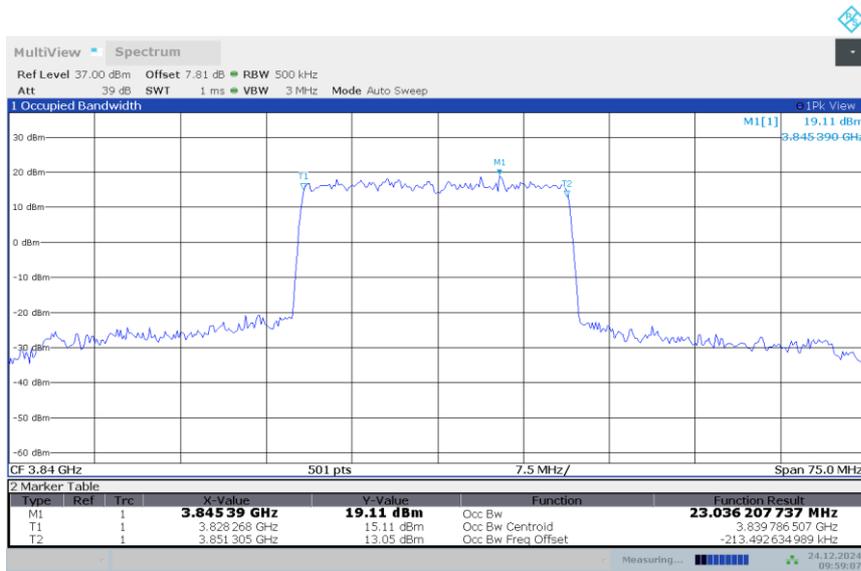## n77H,20MHz Bandwidth,DFT-s-16QAM (99% BW)

LTE Band 5+NR n77H

n77H,25MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	23.068	23.036	23.068

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)

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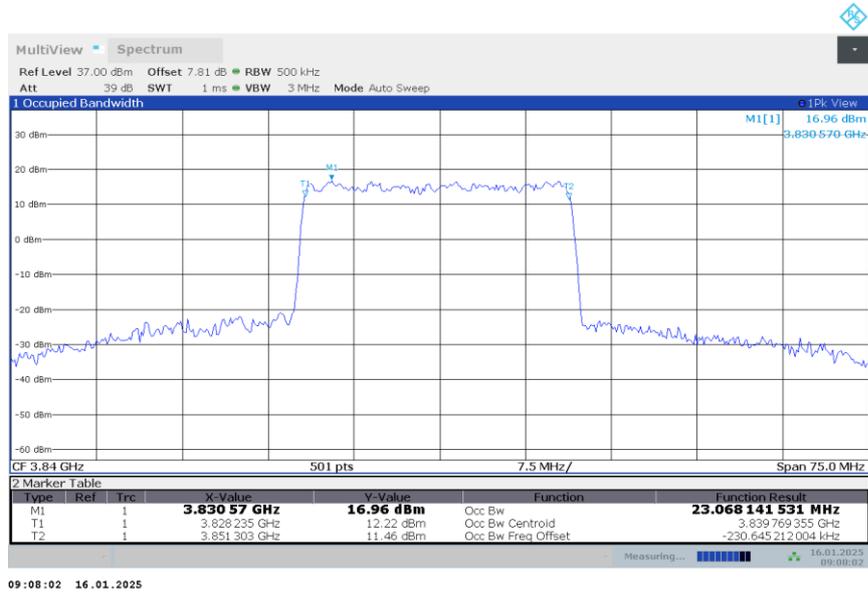
LTE Band 5+NR n77H

n77H,30MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	26.993	26.935	26.974
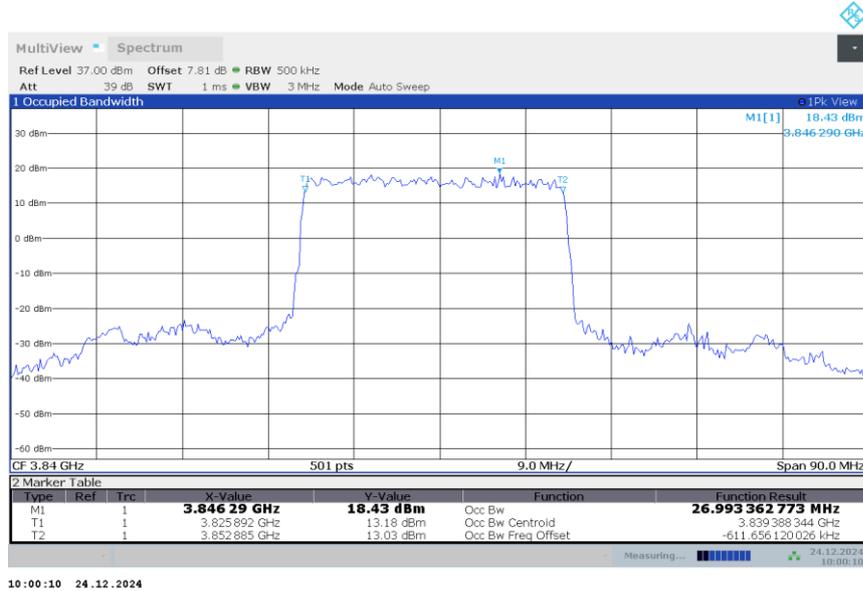
n77H,30MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)
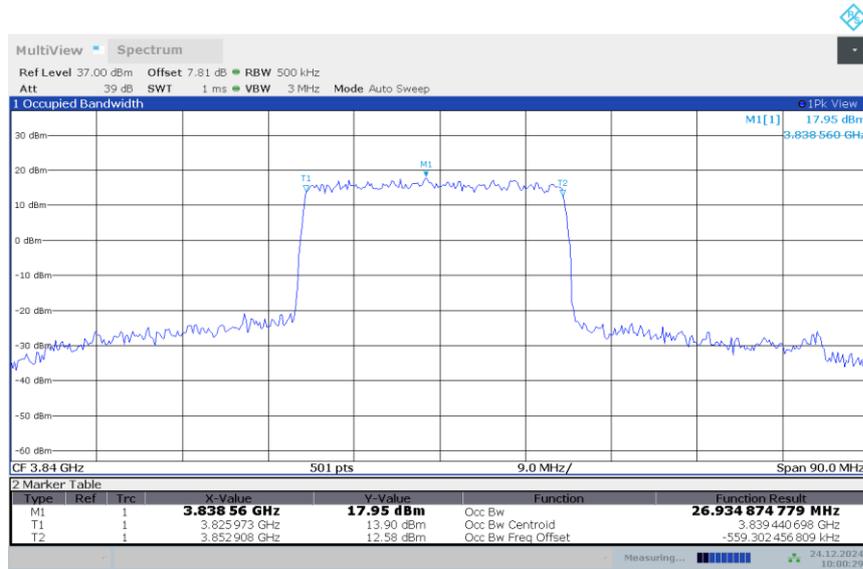
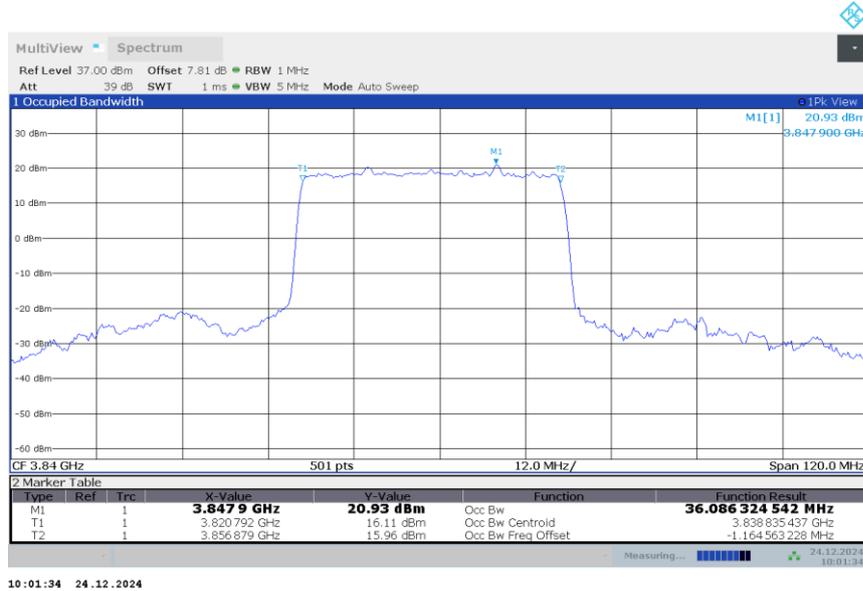**n77H,30MHz Bandwidth,DFT-s-QPSK (99% BW)**

n77H,30MHz Bandwidth,DFT-s-16QAM (99% BW)
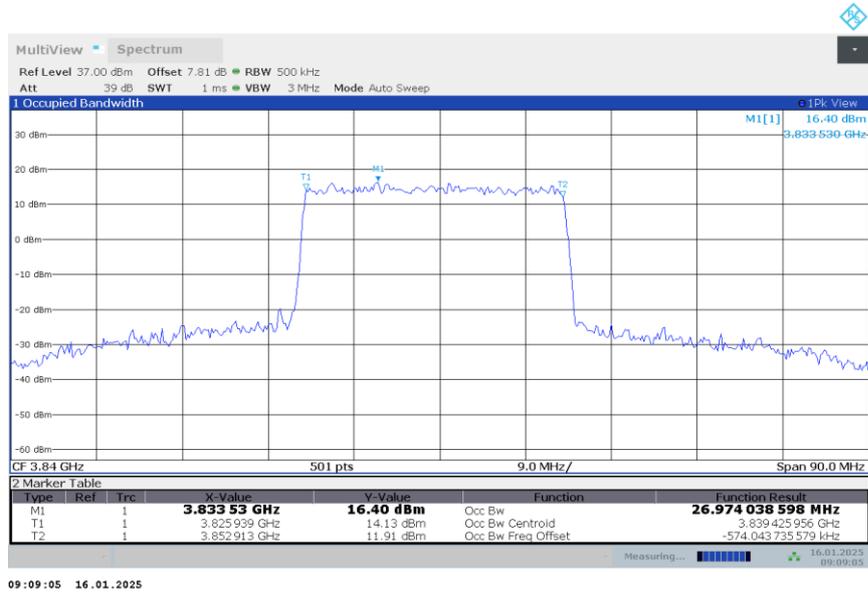
LTE Band 5+NR n77H

n77H,40MHz(99%)

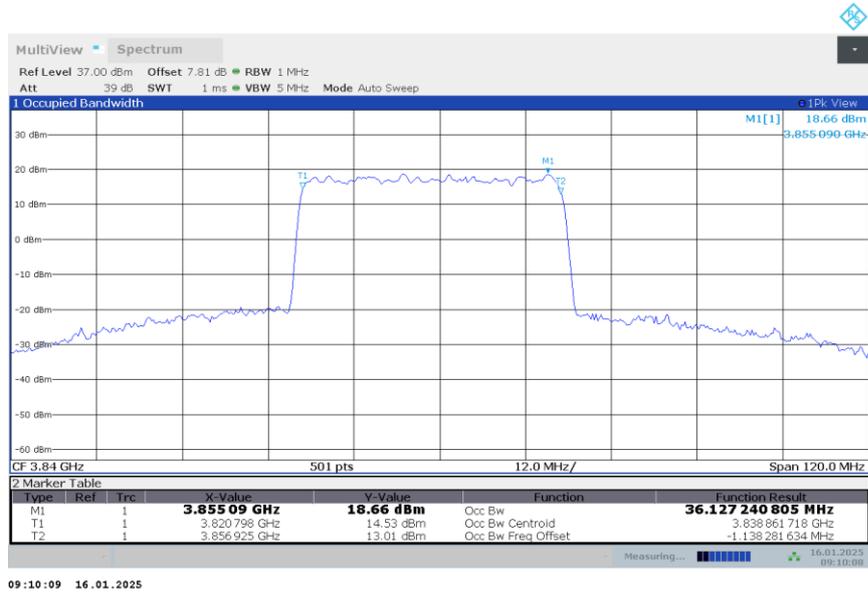| Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	36.086	35.947	36.127

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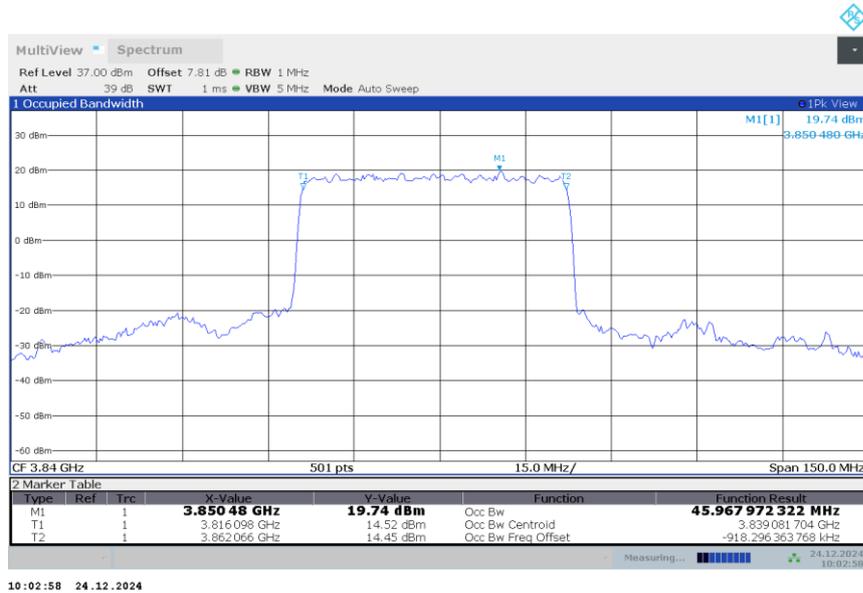

n77H,40MHz Bandwidth,DFT-s-QPSK (99% BW)
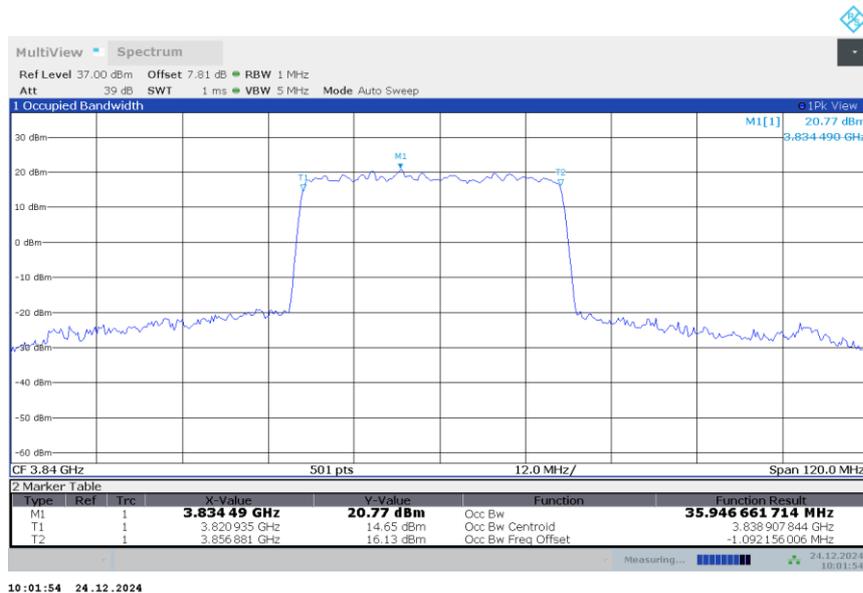
n77H,40MHz Bandwidth,DFT-s-16QAM (99% BW)

LTE Band 5+NR n77H

n77H,50MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	45.968	45.896	45.941

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

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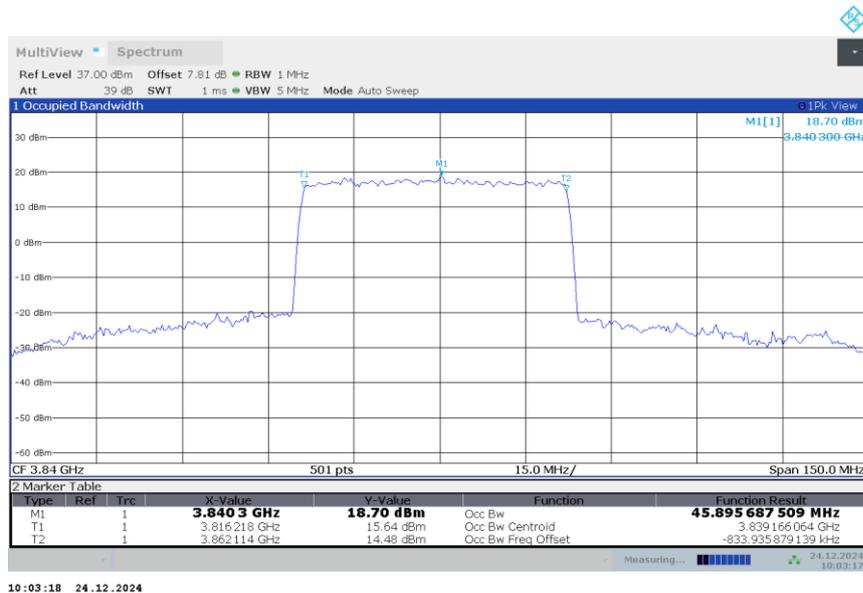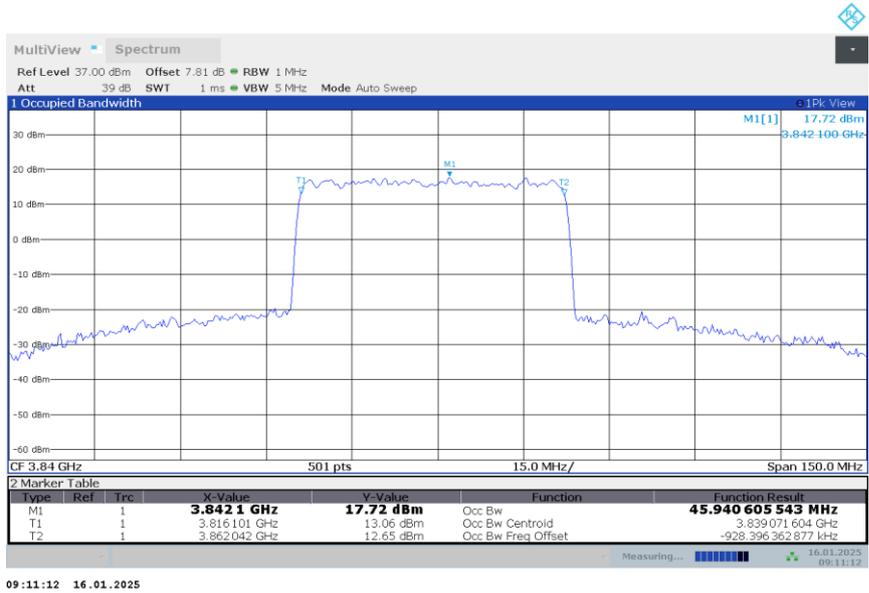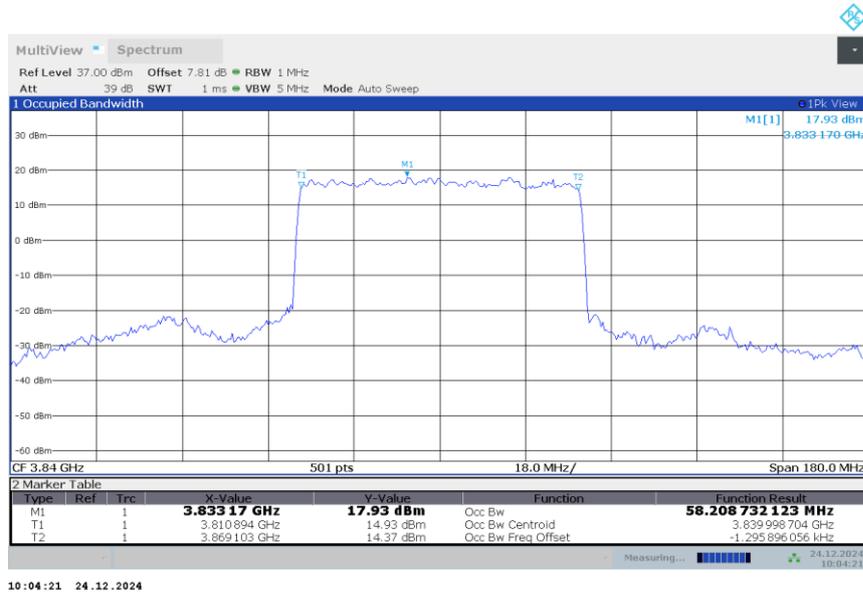
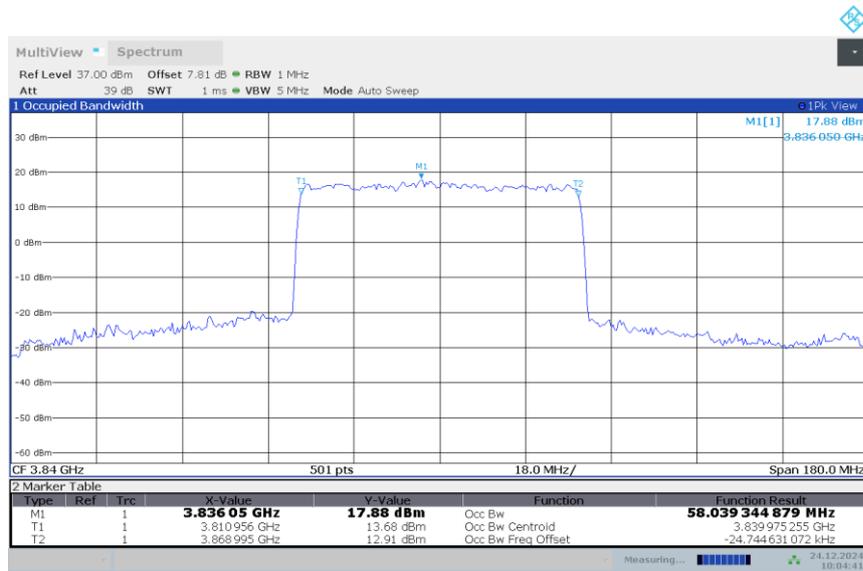**n77H,50MHz Bandwidth,DFT-s-16QAM (99% BW)**

LTE Band 5+NR n77H

n77H,60MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	58.209	58.039	58.049

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)