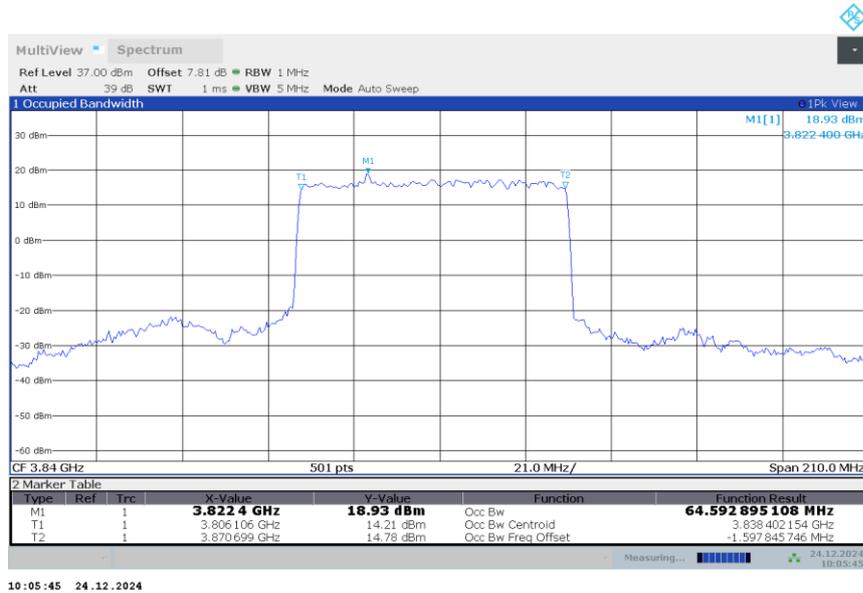


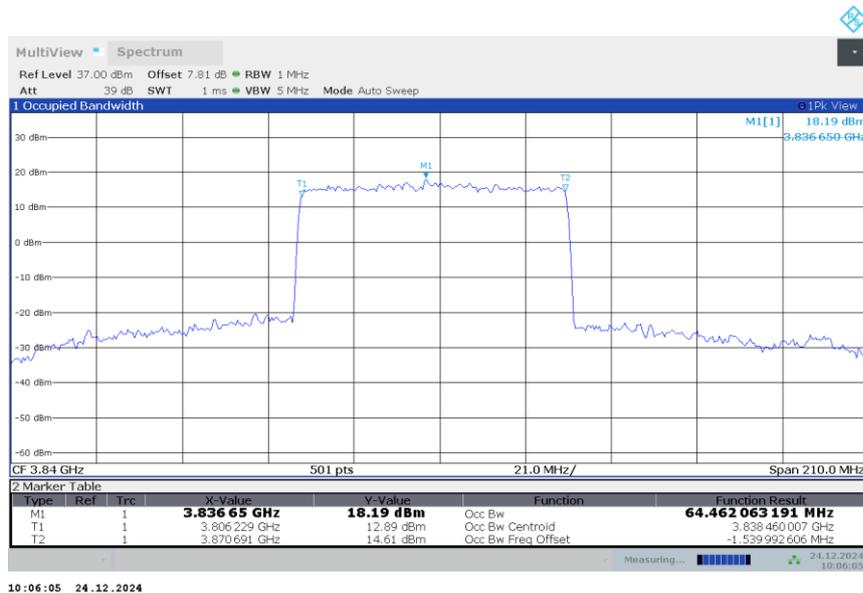
**LTE Band 5+NR n77H
n77H,70MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	64.593	64.462	64.570

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



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



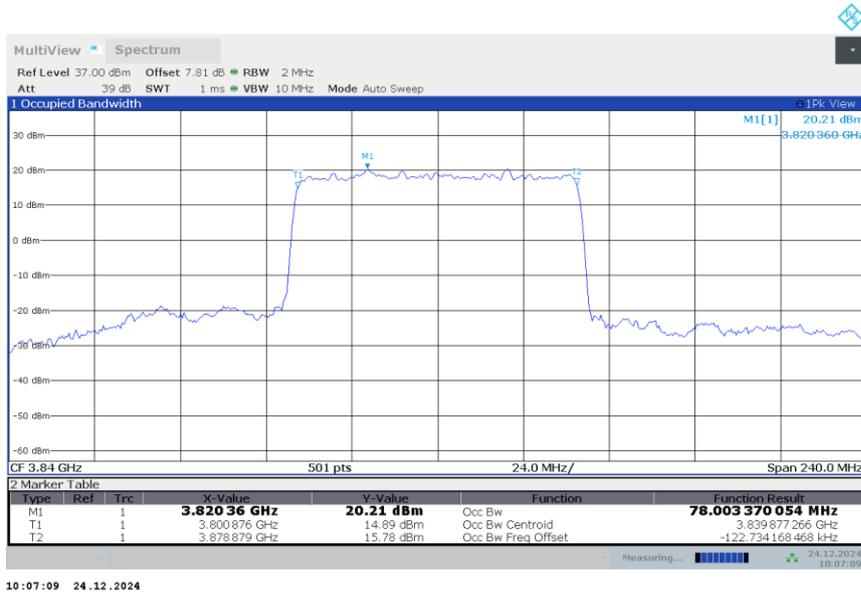
n77H,70MHz Bandwidth,DFT-s-16QAM (99% BW)



**LTE Band 5+NR n77H
n77H,80MHz(99%)**

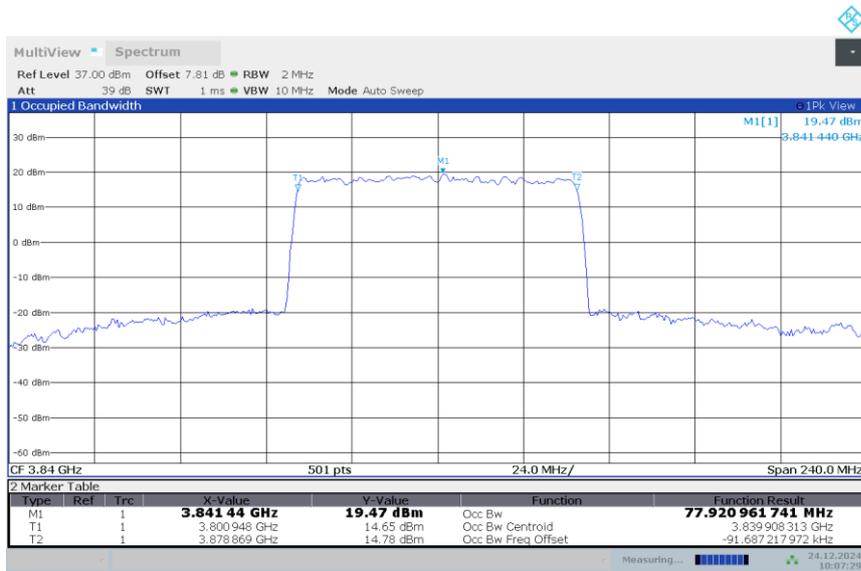
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	78.003	77.921	77.901

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



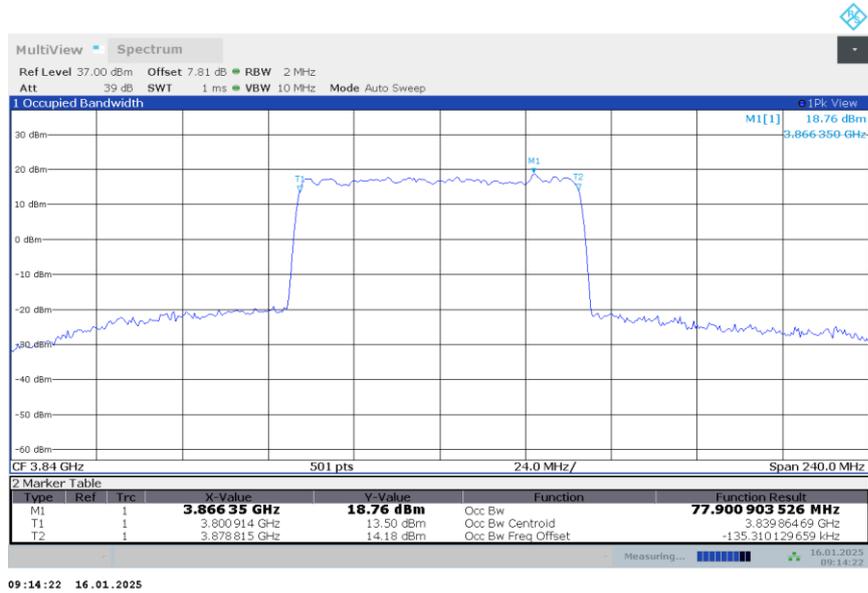
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n77H,80MHz Bandwidth,DFT-s-QPSK (99% BW)



10:07:29 24.12.2024

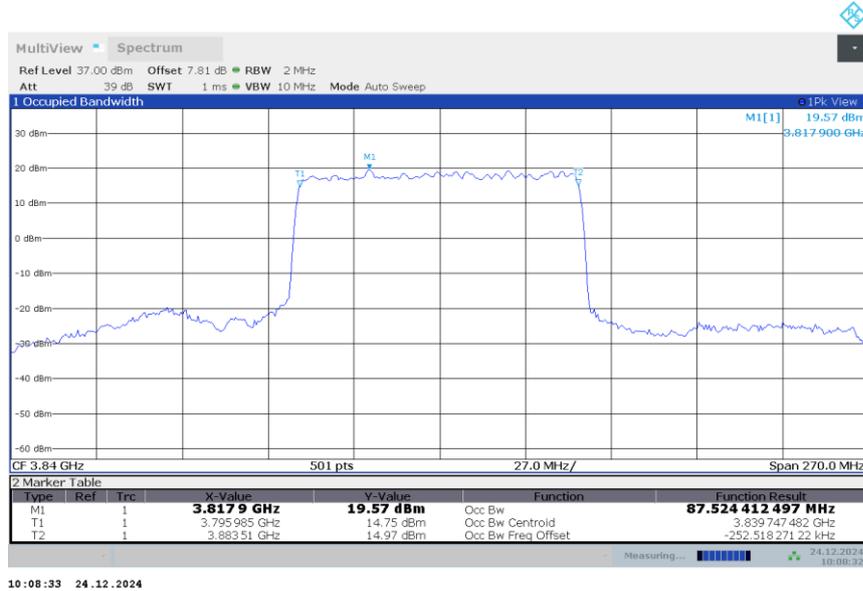
n77H,80MHz Bandwidth,DFT-s-16QAM (99% BW)



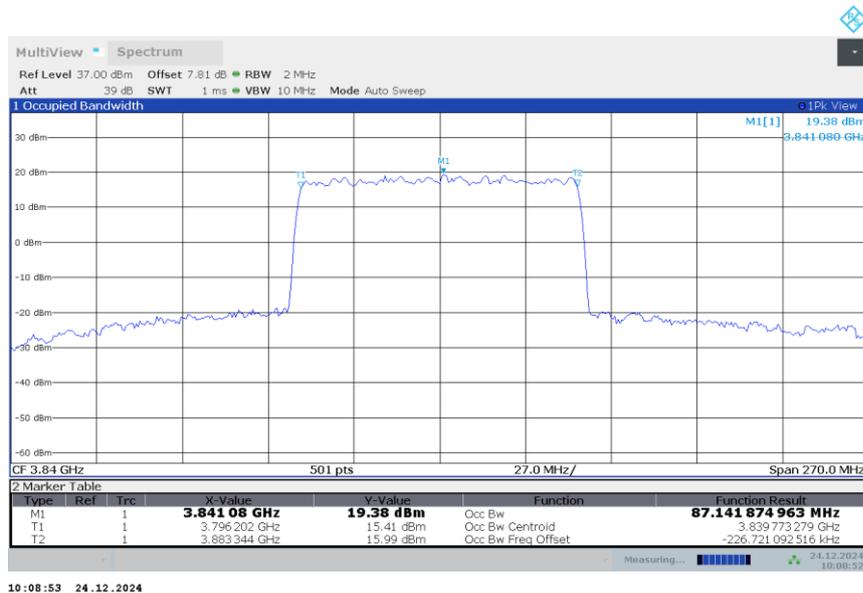
**LTE Band 5+NR n77H
n77H,90MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	87.524	87.142	87.281

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



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



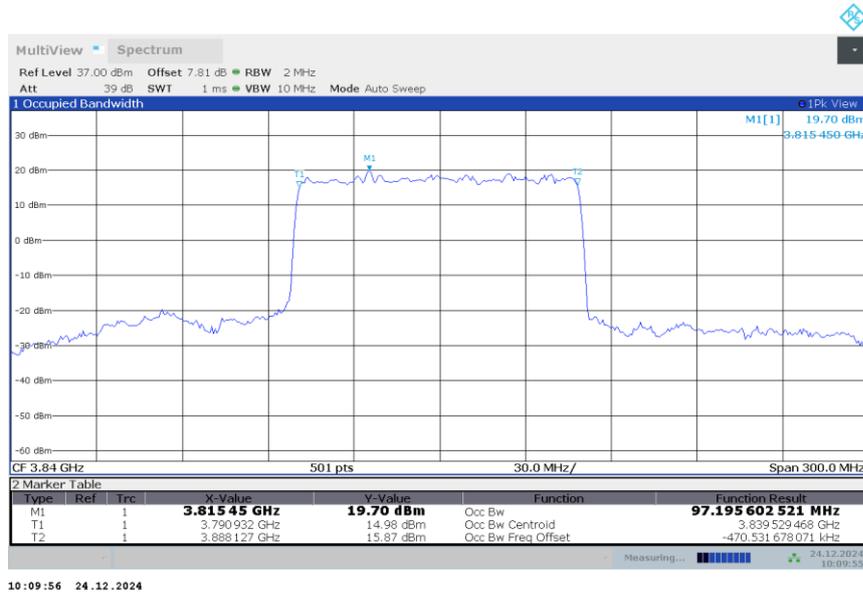
n77H,90MHz Bandwidth,DFT-s-16QAM (99% BW)



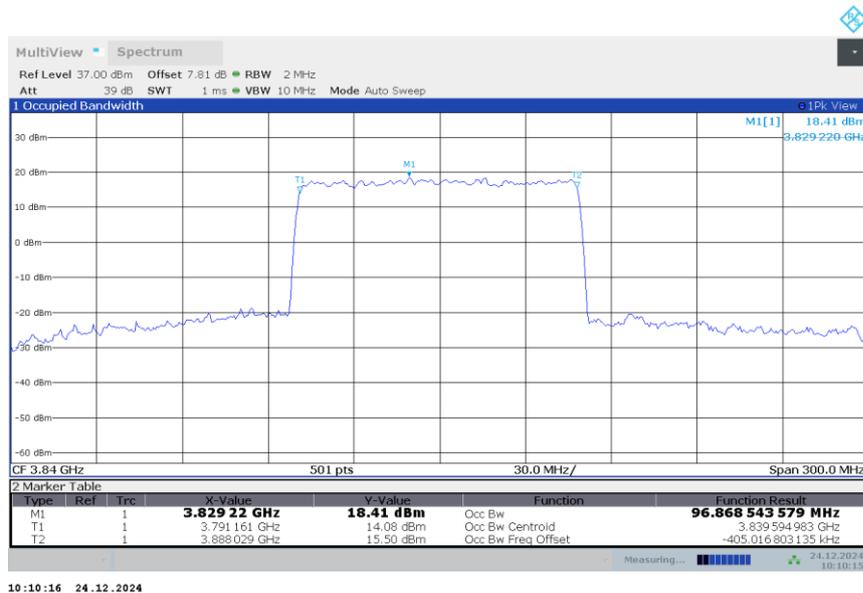
LTE Band 5+NR n77H
n77H,100MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	97.196	96.869	96.814

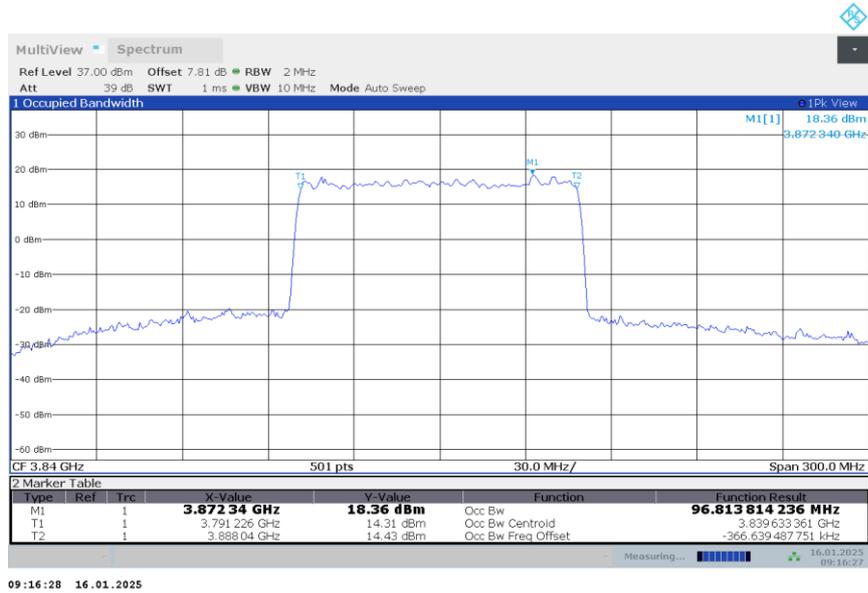
n77H,100MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



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



n77H,100MHz Bandwidth,DFT-s-16QAM (99% BW)



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.

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.

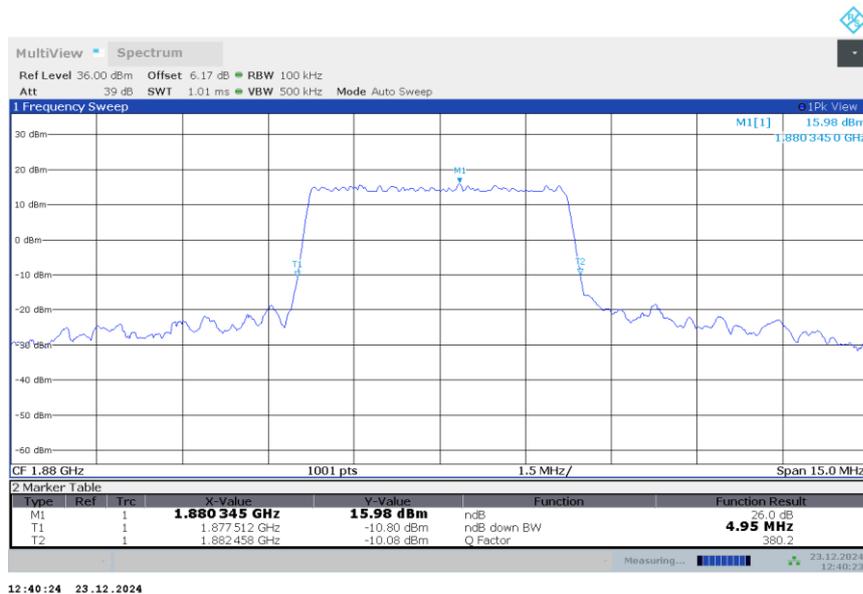
LTE Band 66+NR n2 n2,5MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1880	4.900	4.945	4.975

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



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



n2,5MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



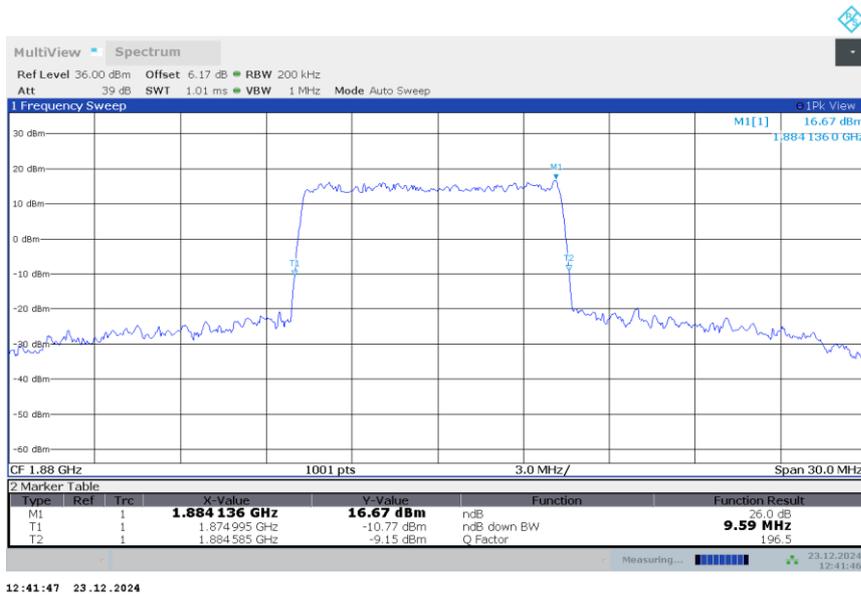
**LTE Band 66+NR n2
n2,10MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1880	9.560	9.590	9.590

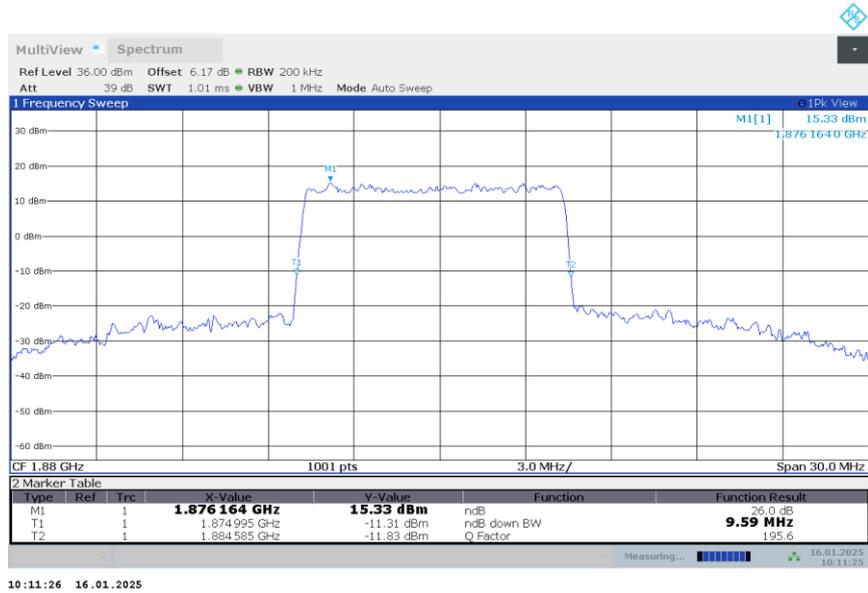
n2,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



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



n2,10MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



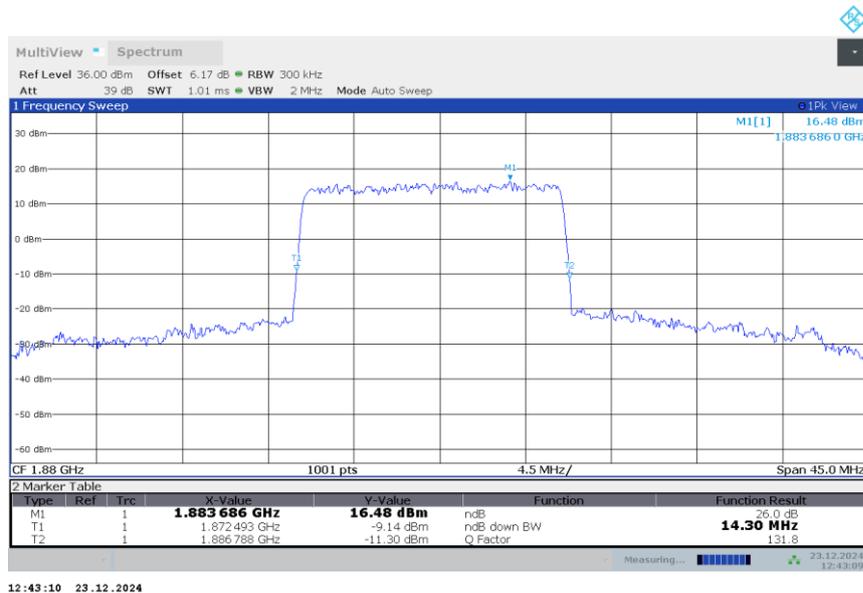
**LTE Band 66+NR n2
n2,15MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1880	14.296	14.296	14.296

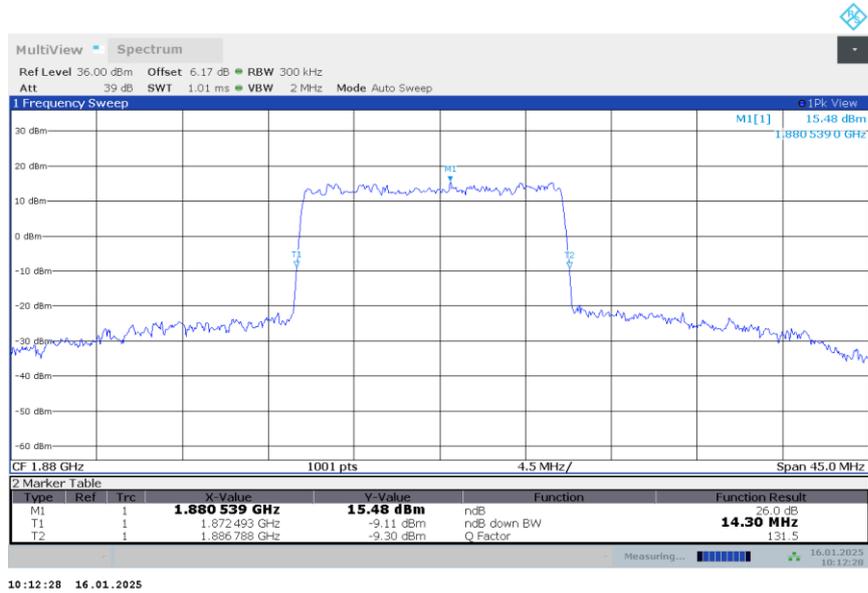
n2,15MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



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



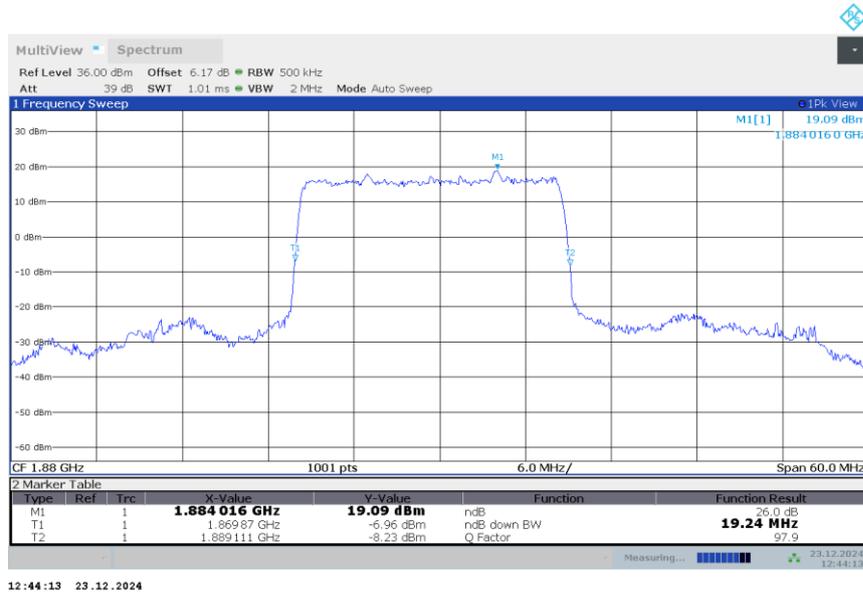
n2,15MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



**LTE Band 66+NR n2
n2,20MHz(-26dBc)**

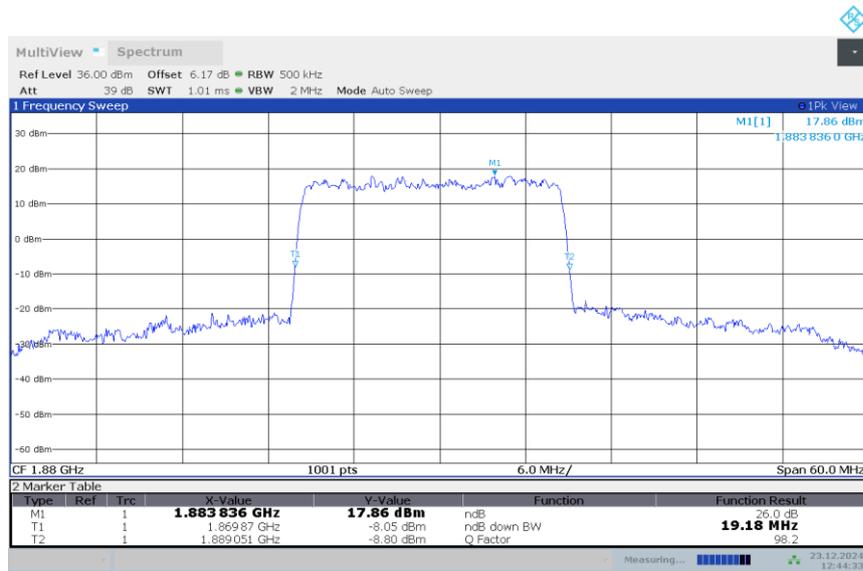
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1880	19.241	19.181	19.181

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



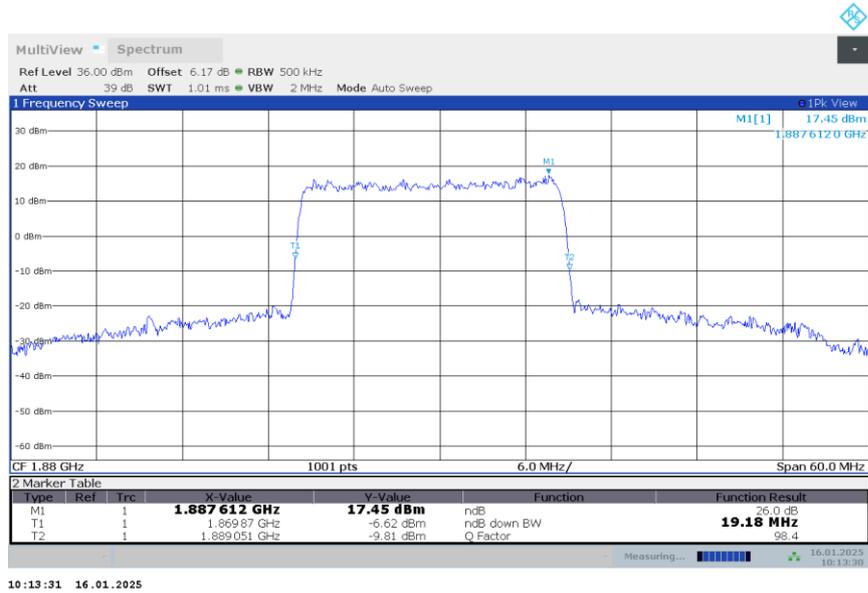
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n2,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



12:44:33 23.12.2024

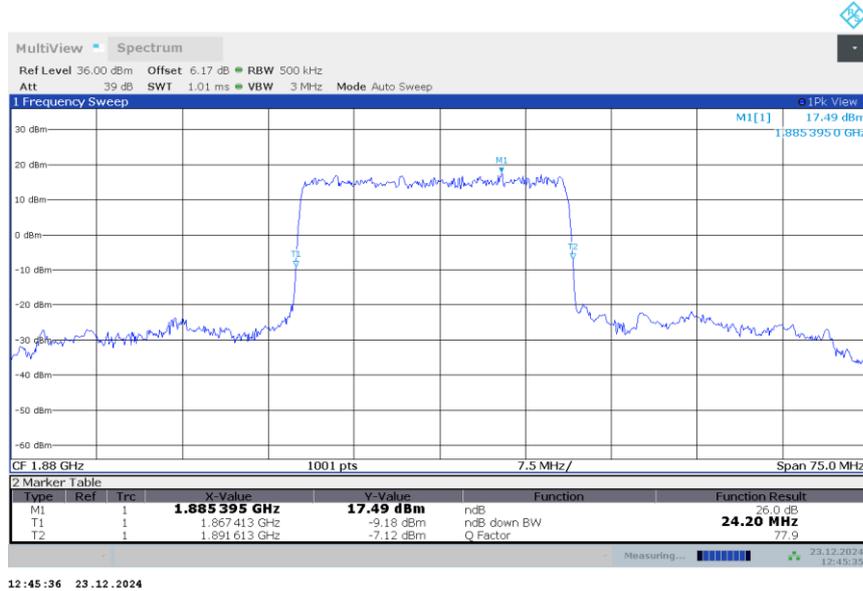
n2,20MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



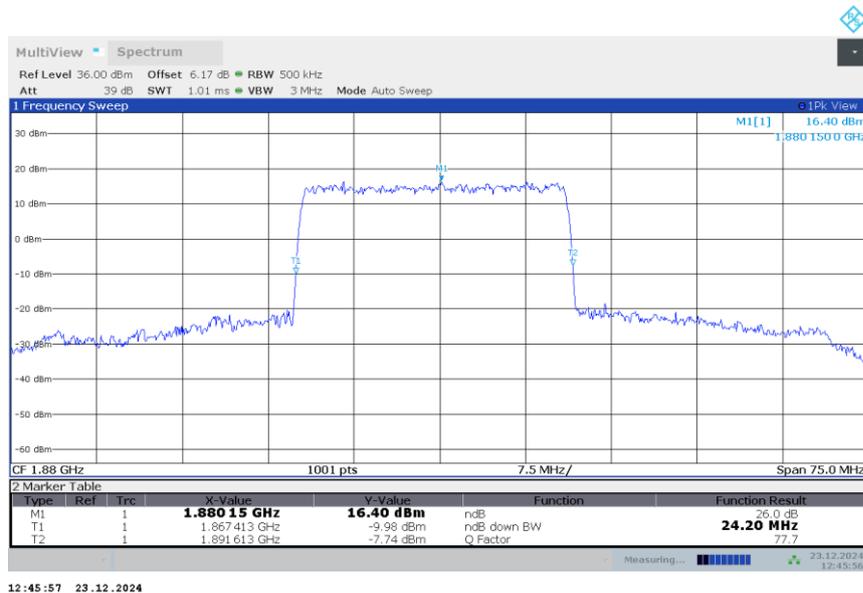
**LTE Band 66+NR n2
n2,25MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1880	24.201	24.201	24.201

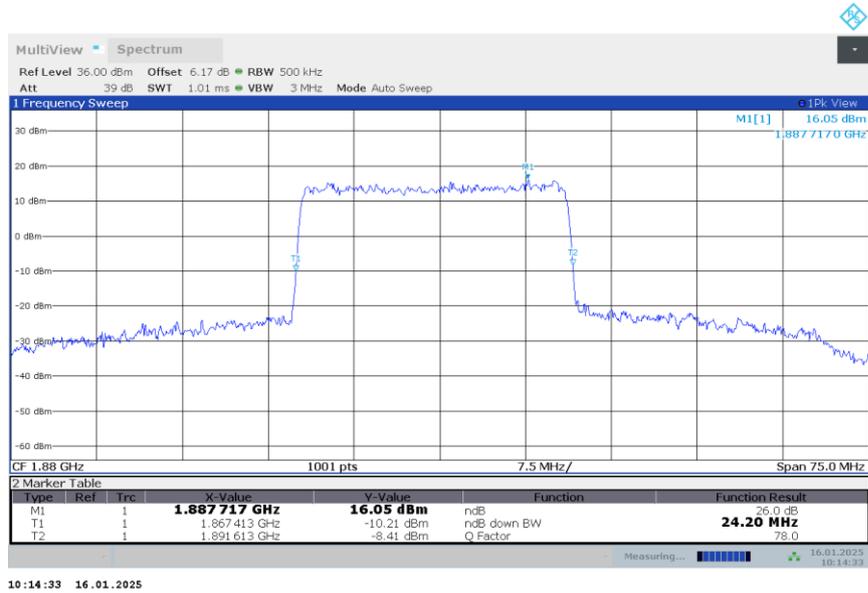
n2,25MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



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



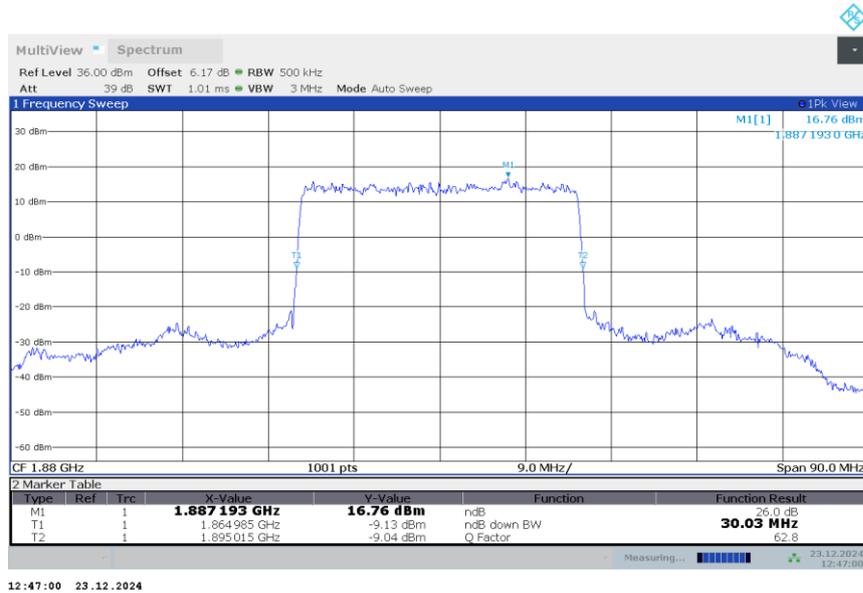
n2,25MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



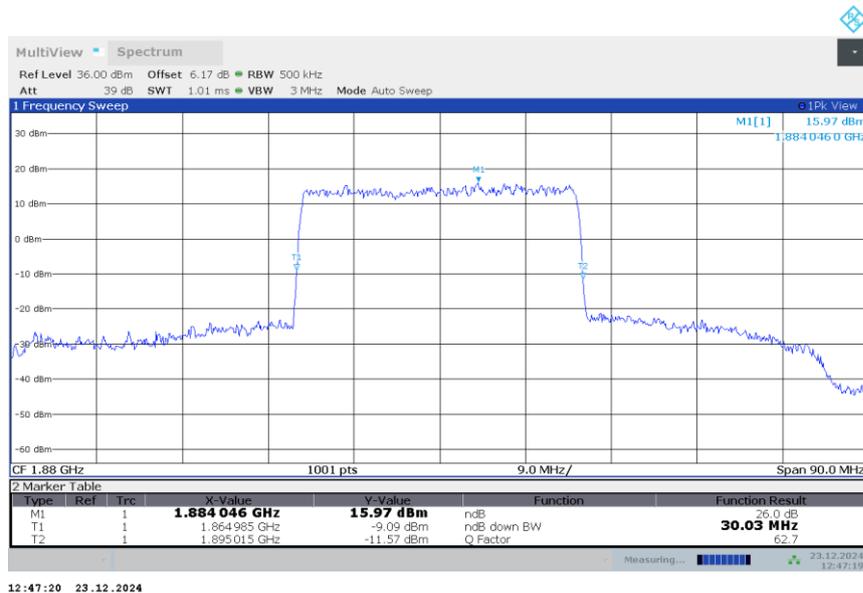
**LTE Band 66+NR n2
n2,30MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1880	30.030	30.030	30.030

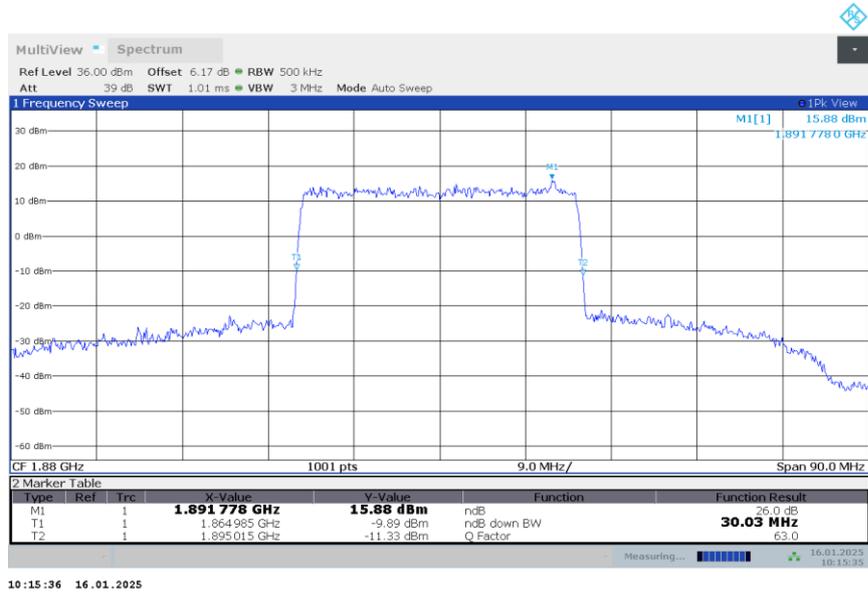
n2,30MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



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



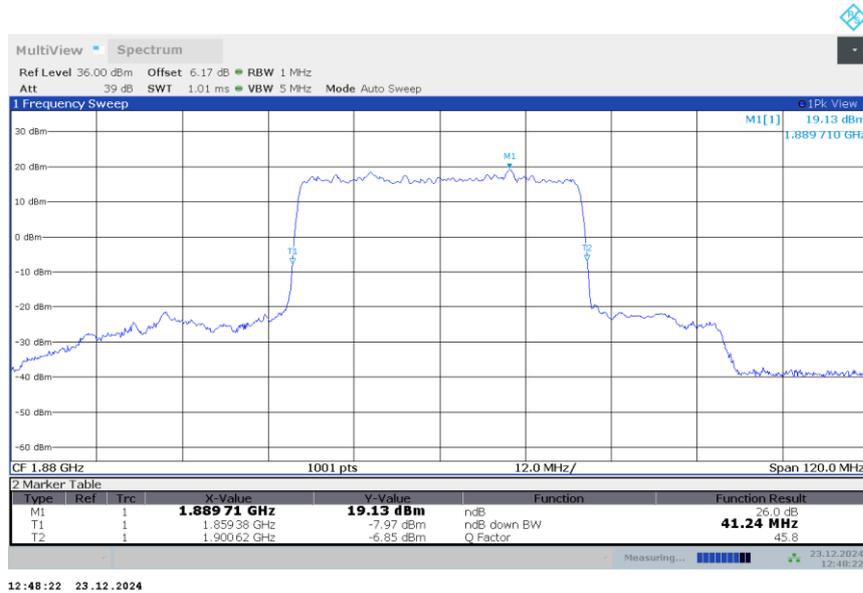
n2,30MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



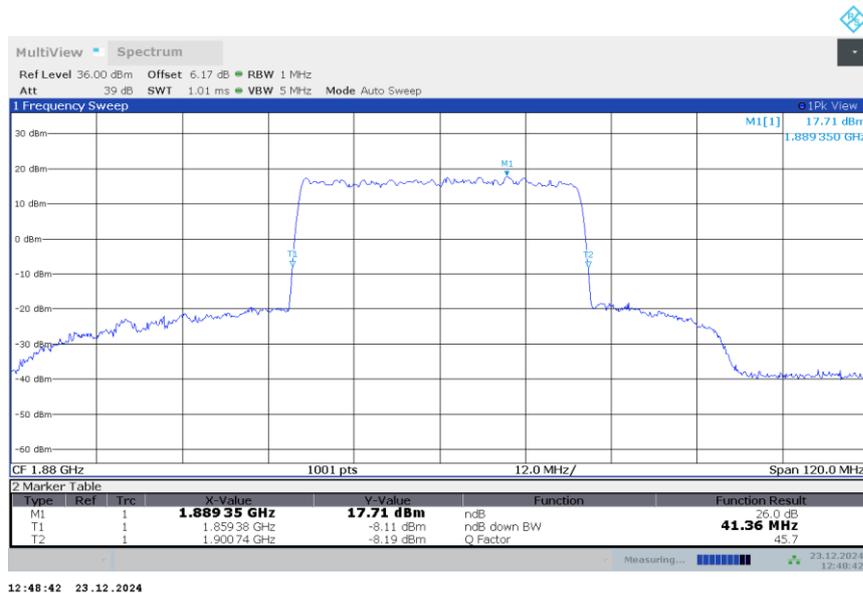
**LTE Band 66+NR n2
n2,40MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1880	41.240	41.360	41.240

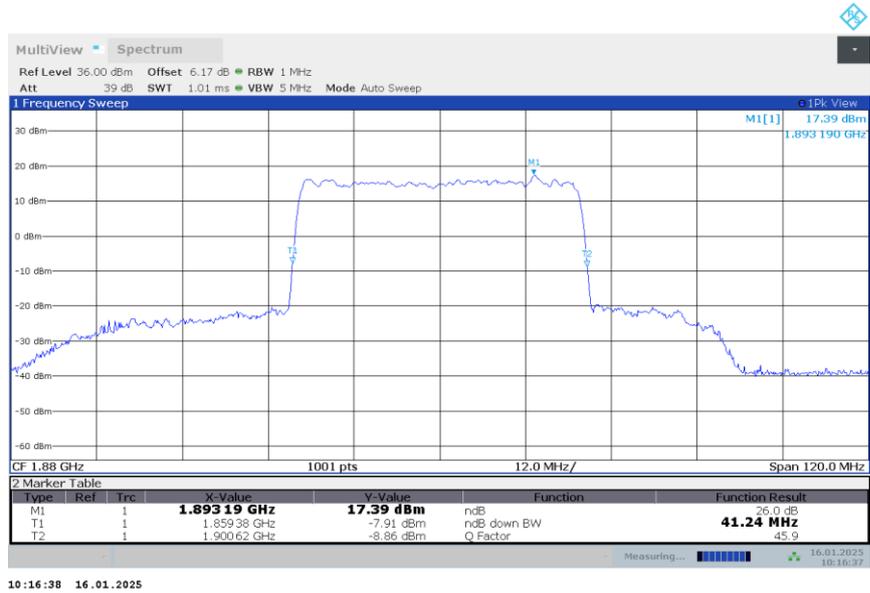
n2,40MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



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



n2,40MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



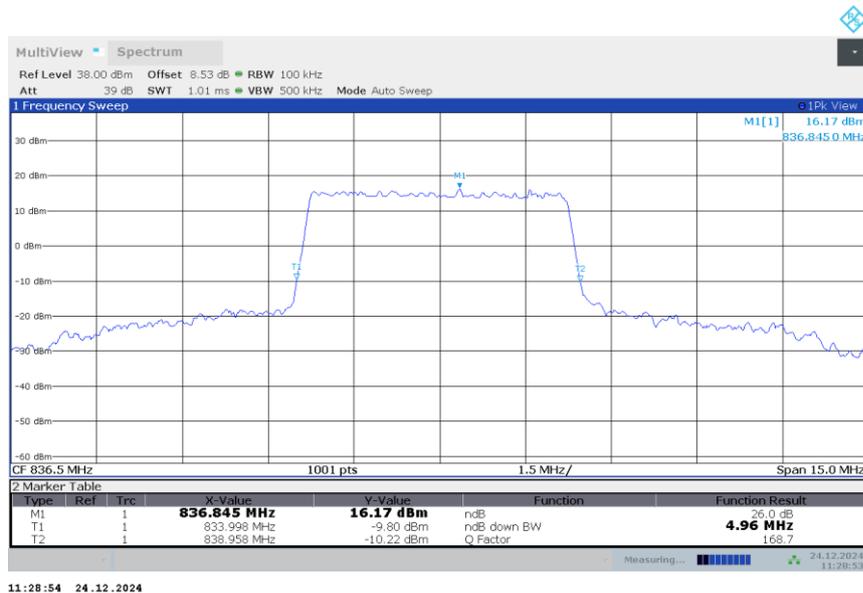
**LTE Band 2+NR n5
n5,5MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
836.5	4.900	4.960	4.990

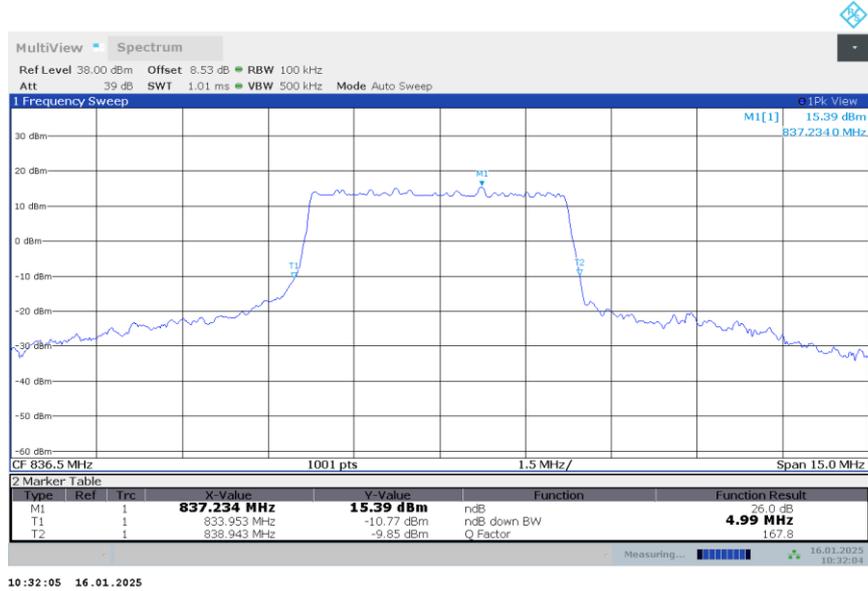
n5,5MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



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



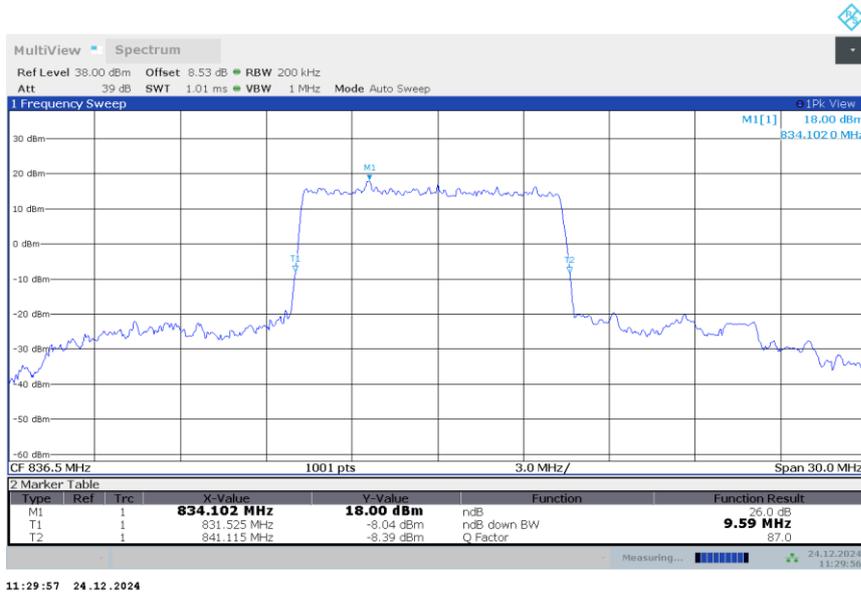
n5,5MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



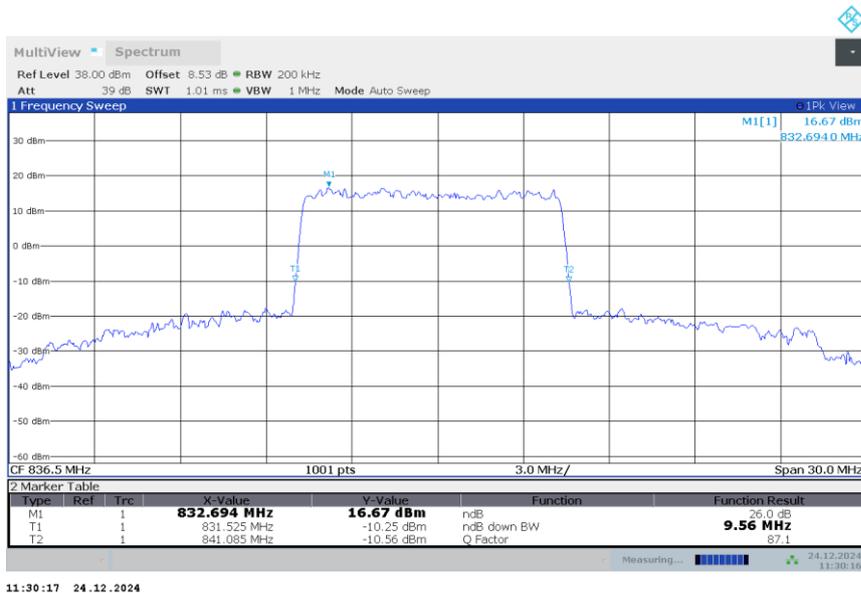
**LTE Band 2+NR n5
n5,10MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
836.5	9.590	9.560	9.560

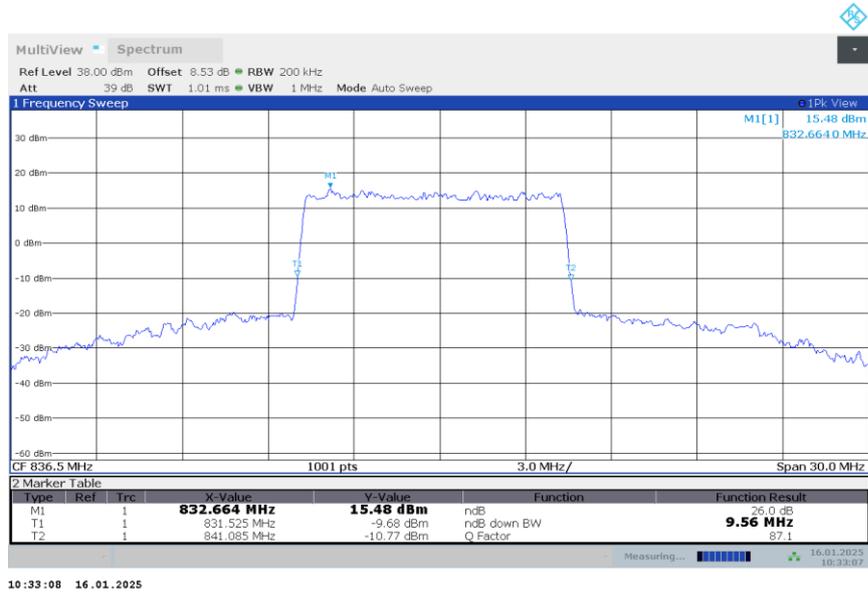
n5,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



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

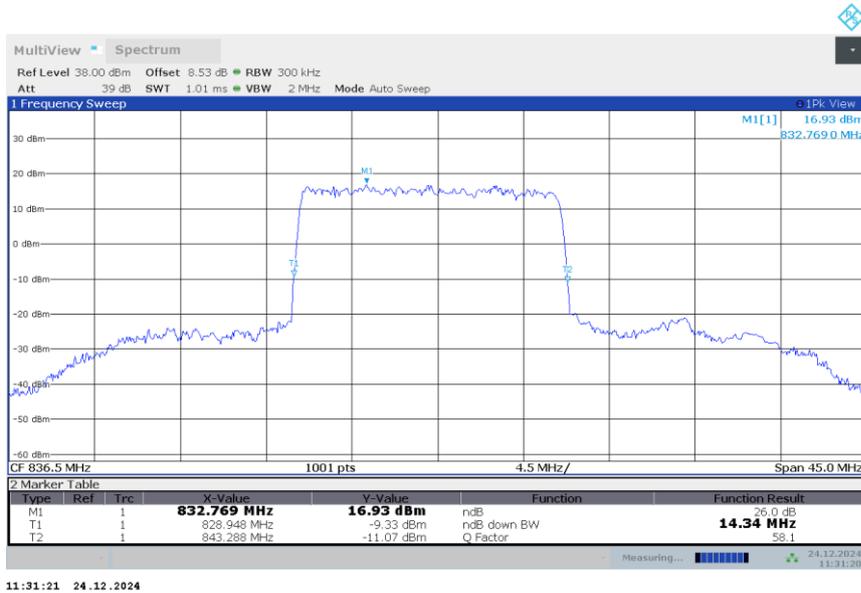
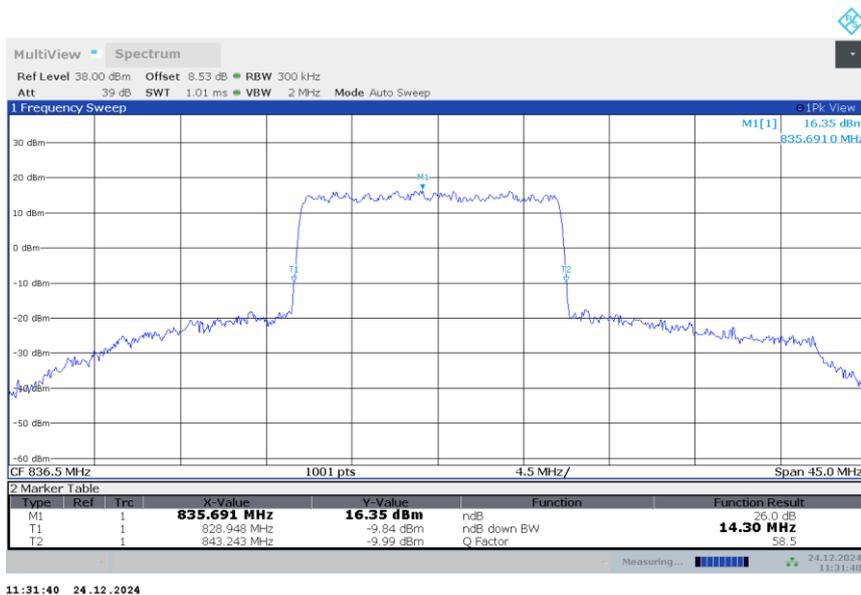


n5,10MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

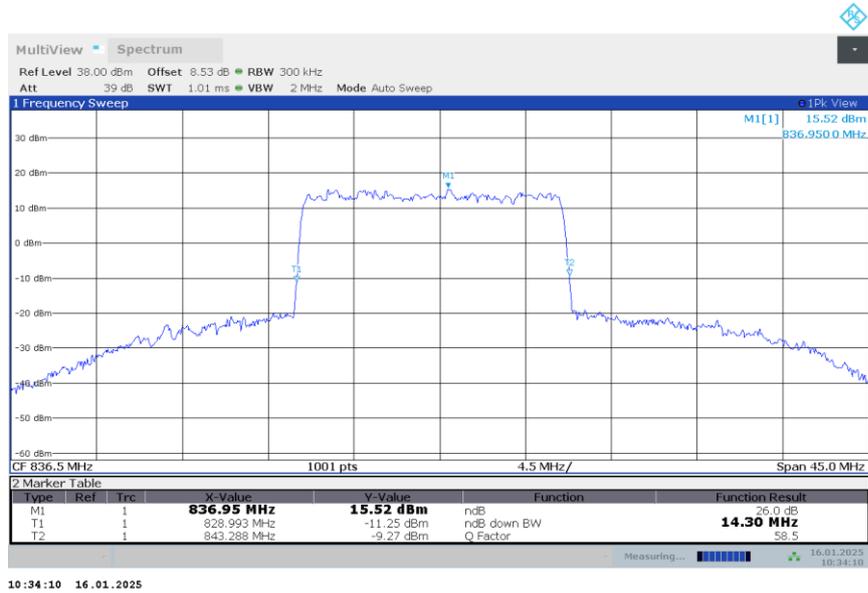


**LTE Band 2+NR n5
n5,15MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
836.5	14.341	14.296	14.296

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

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


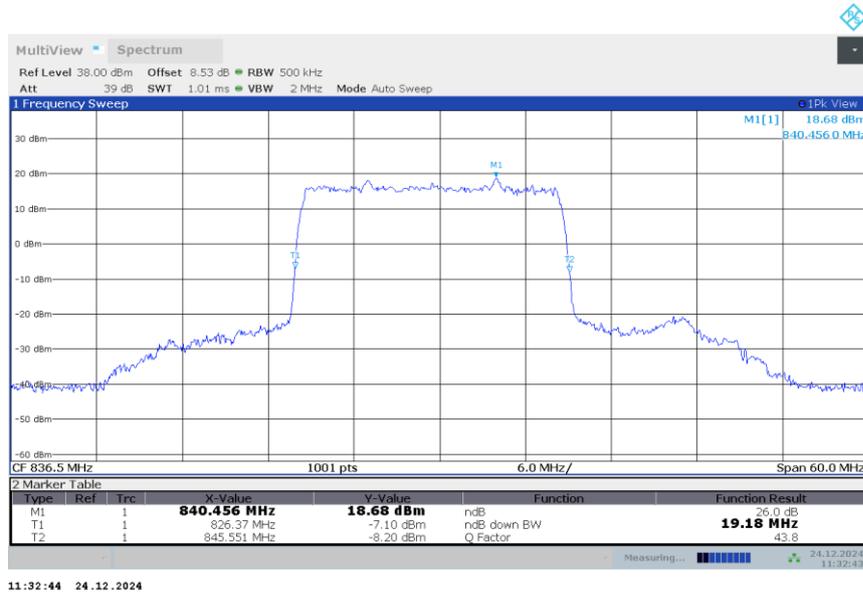
n5,15MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



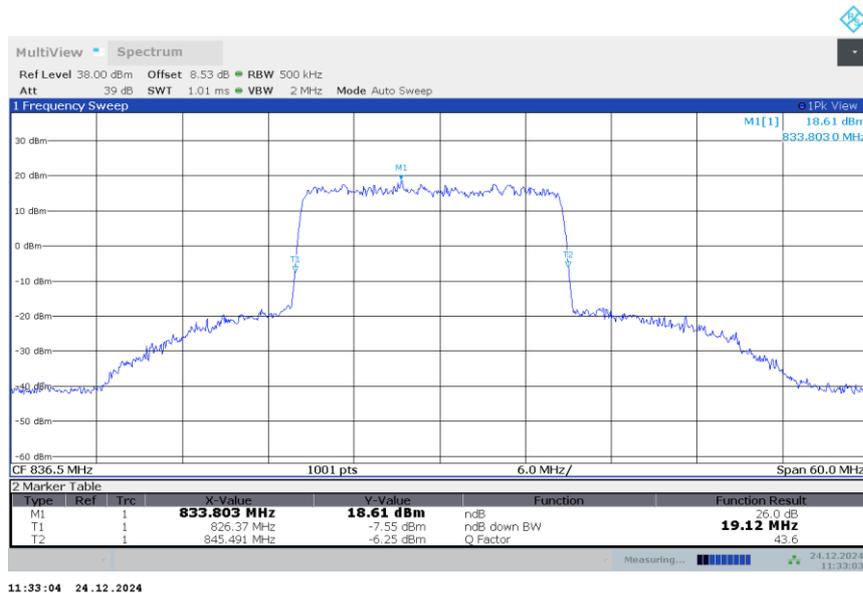
LTE Band 2+NR n5
n5,20MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
836.5	19.181	19.121	19.241

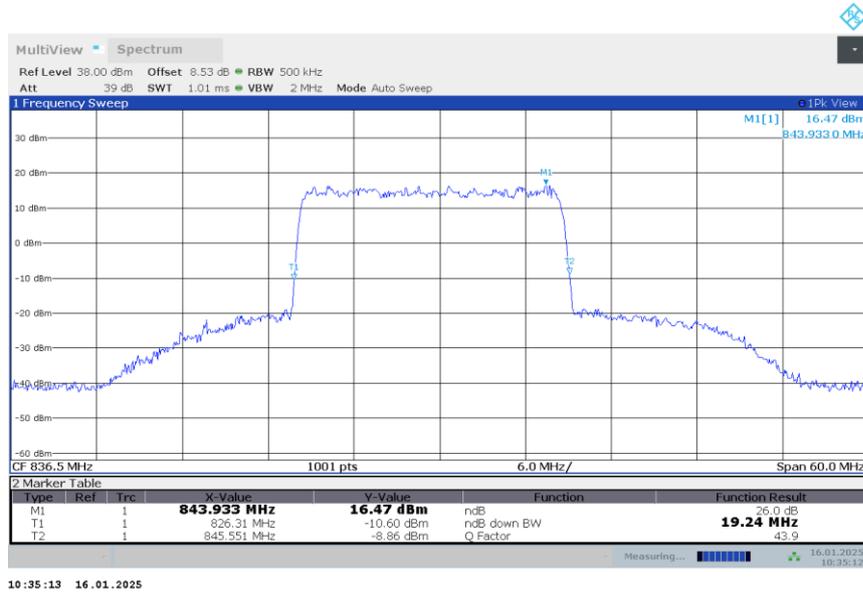
n5,20MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



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



n5,20MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



LTE Band 13+NR n66
n66,5MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1745	4.885	4.960	4.960

n66,5MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n66,5MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n66,5MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



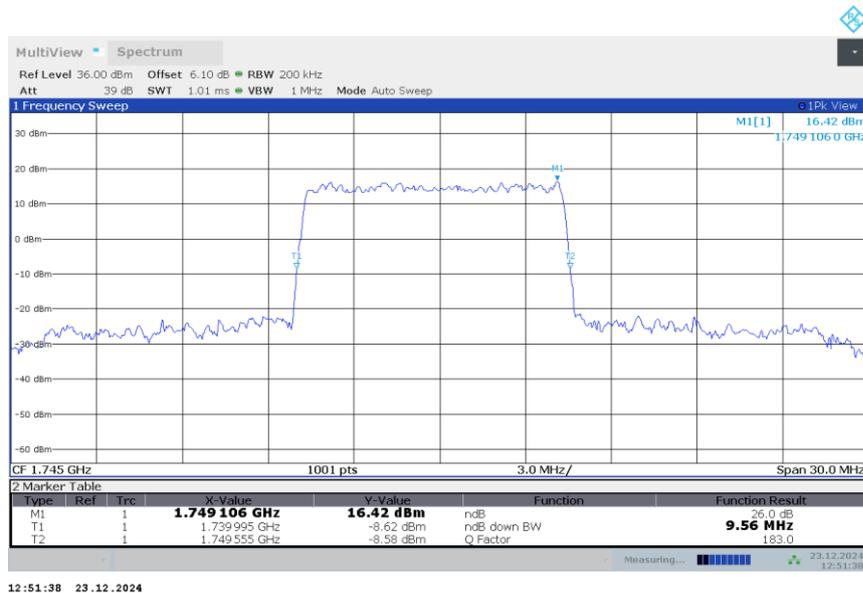
LTE Band 13+NR n66
n66,10MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1745	9.530	9.560	9.560

n66,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n66,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n66,10MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



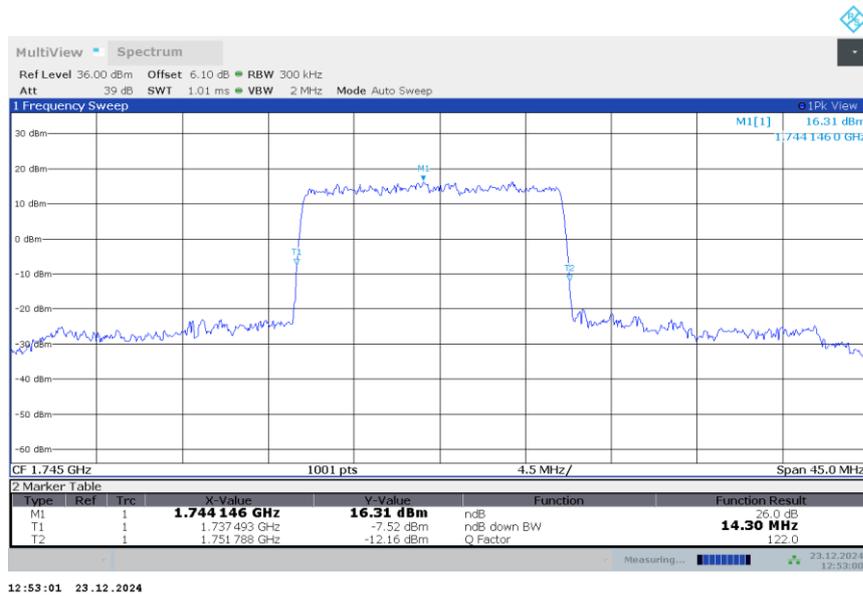
LTE Band 13+NR n66
n66,15MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1745	14.251	14.296	14.296

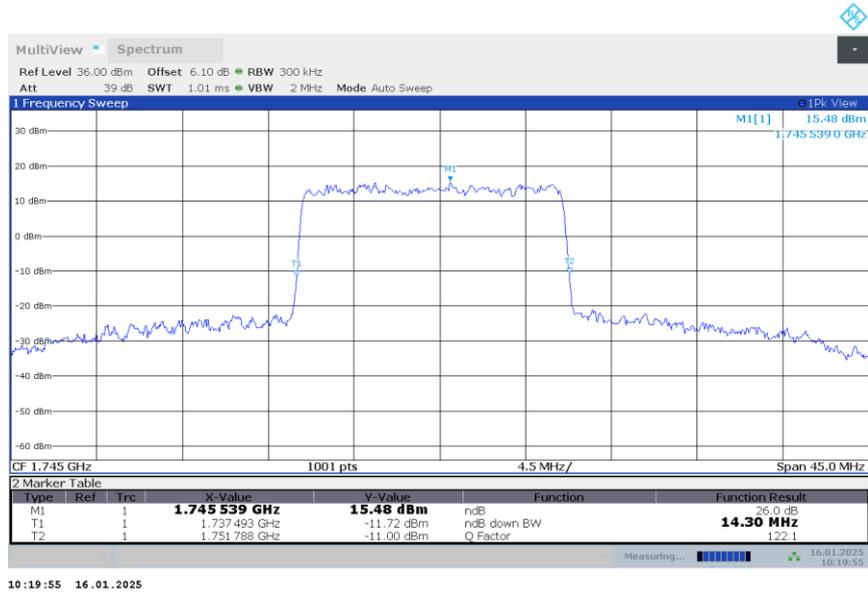
n66,15MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n66,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



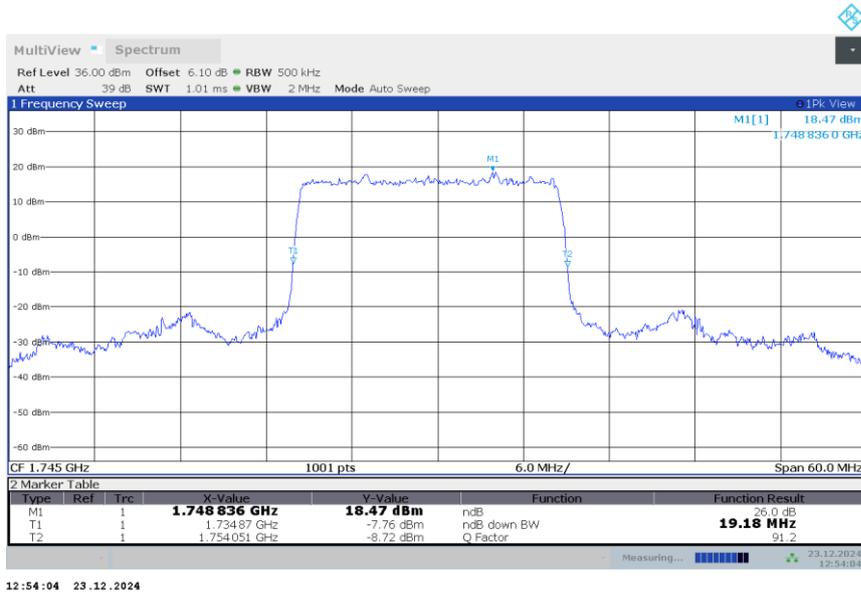
n66,15MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



LTE Band 13+NR n66
n66,20MHz(-26dBc)

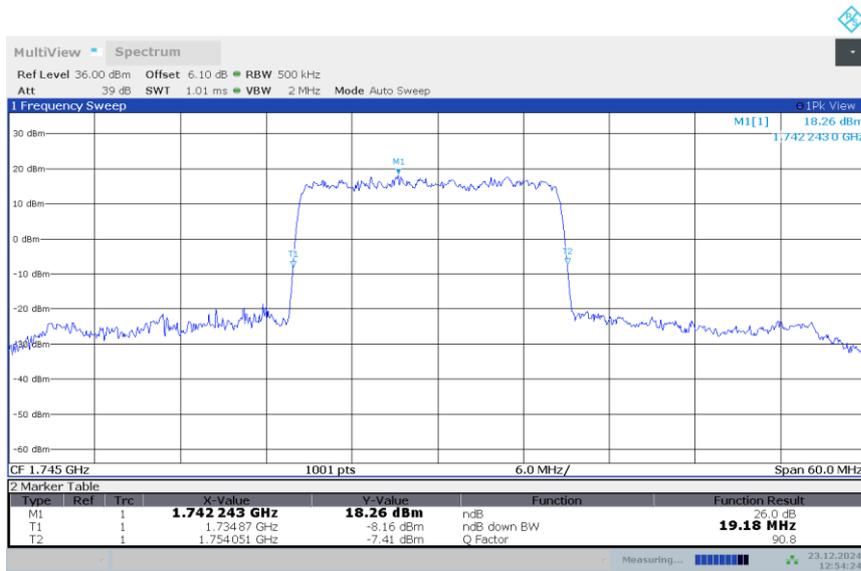
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1745	19.181	19.181	19.181

n66,20MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



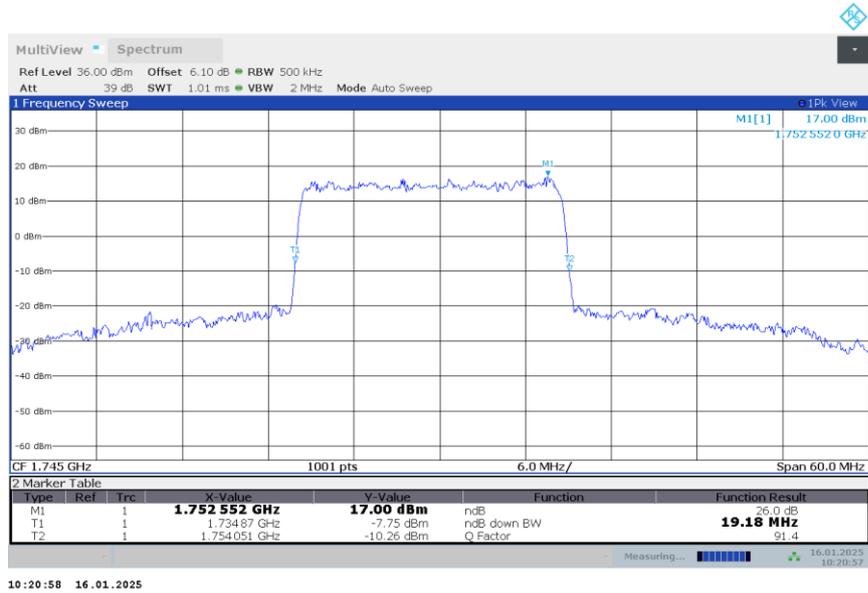
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n66,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



12:54:24 23.12.2024

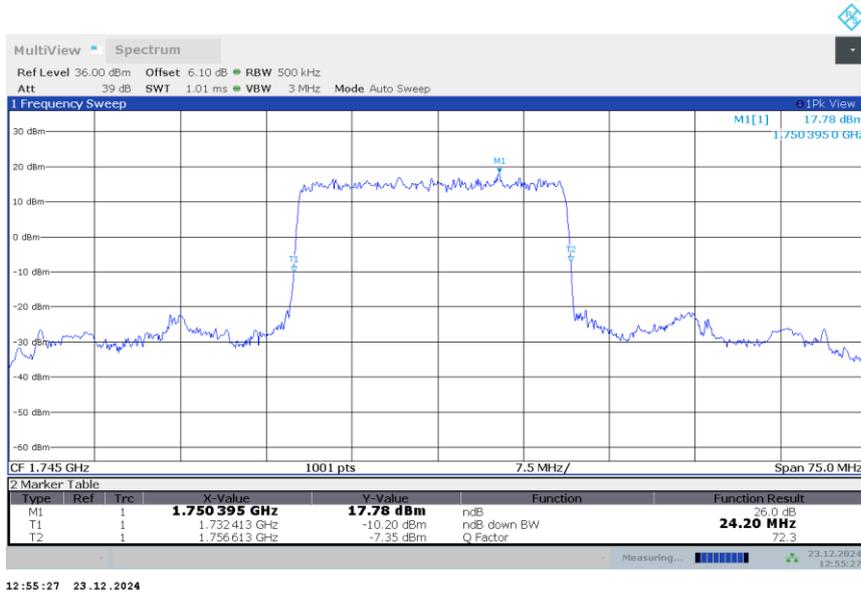
n66,20MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



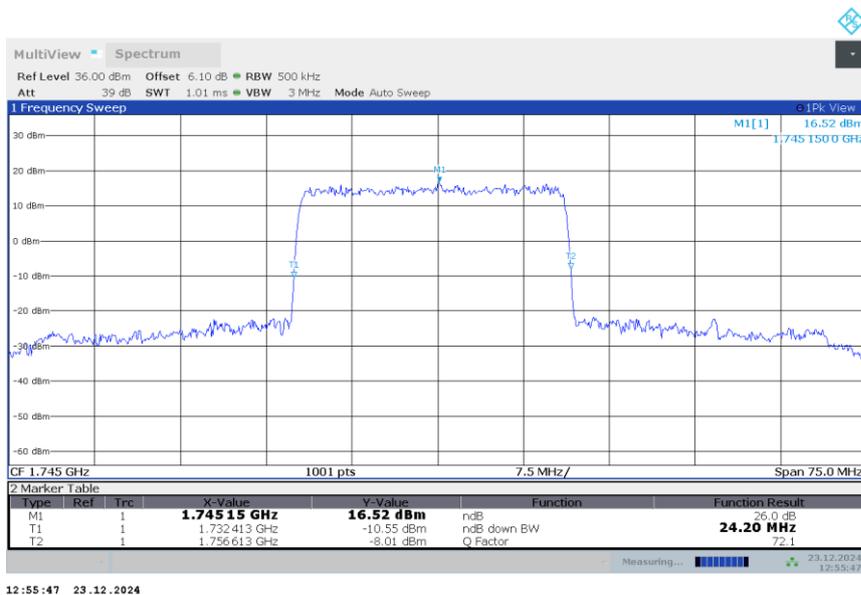
**LTE Band 13+NR n66
n66,25MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1745	24.201	24.201	24.201

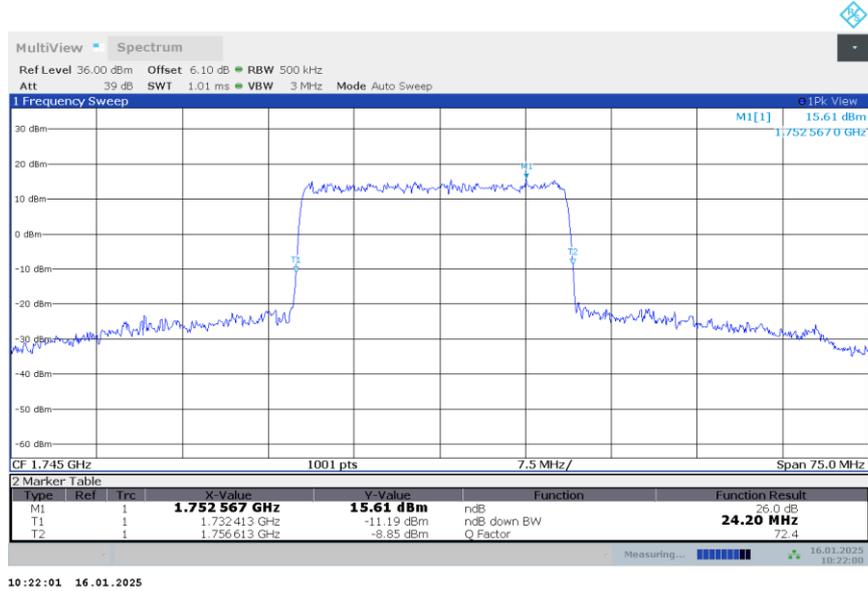
n66,25MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n66,25MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n66,25MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



LTE Band 13+NR n66
n66,30MHz(-26dBc)

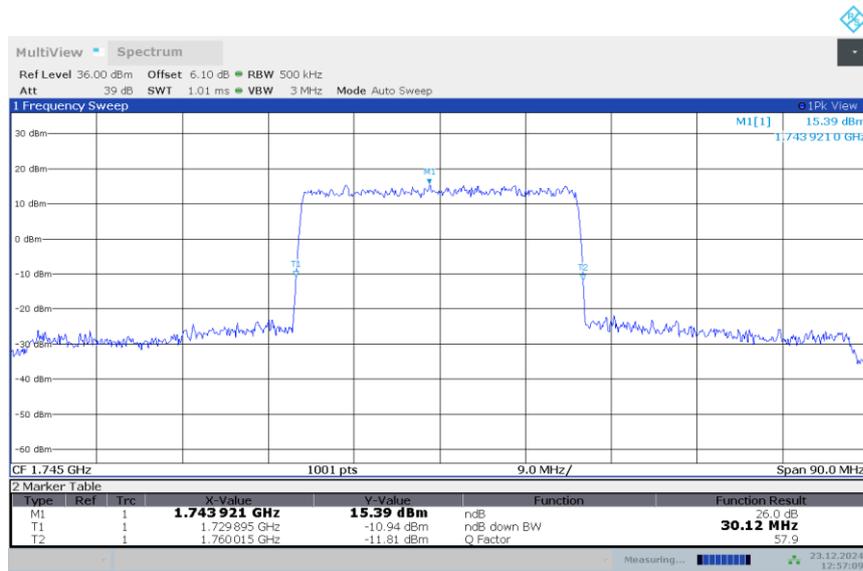
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1745	30.030	30.120	30.120

n66,30MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



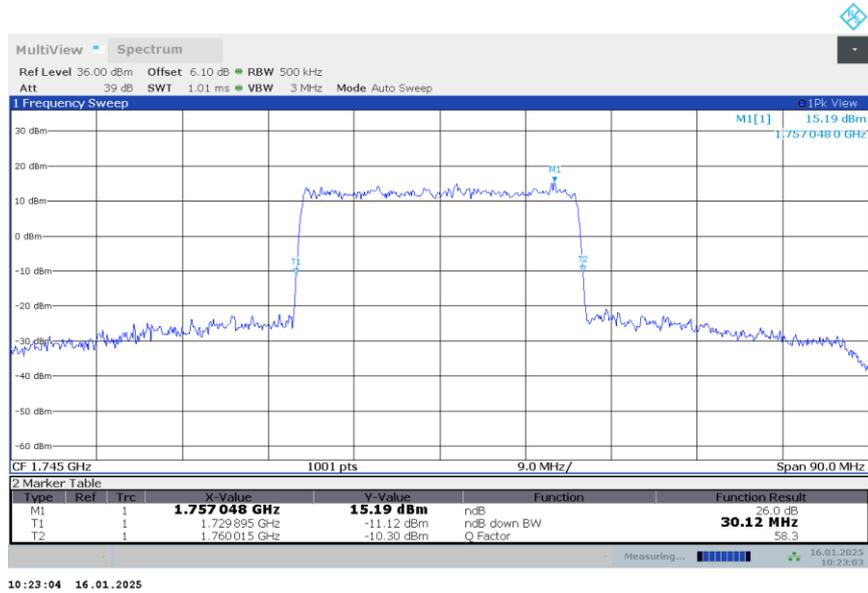
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n66,30MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



12:57:10 23.12.2024

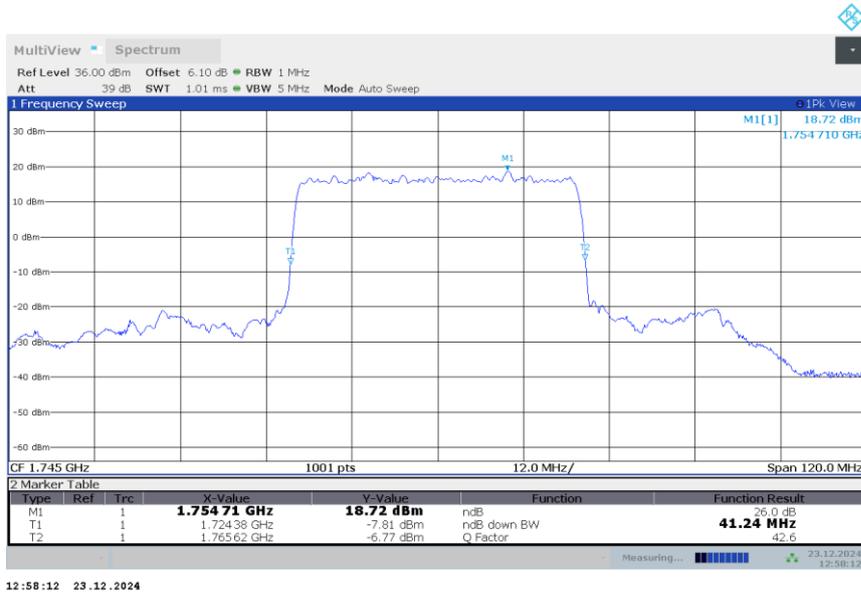
n66,30MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



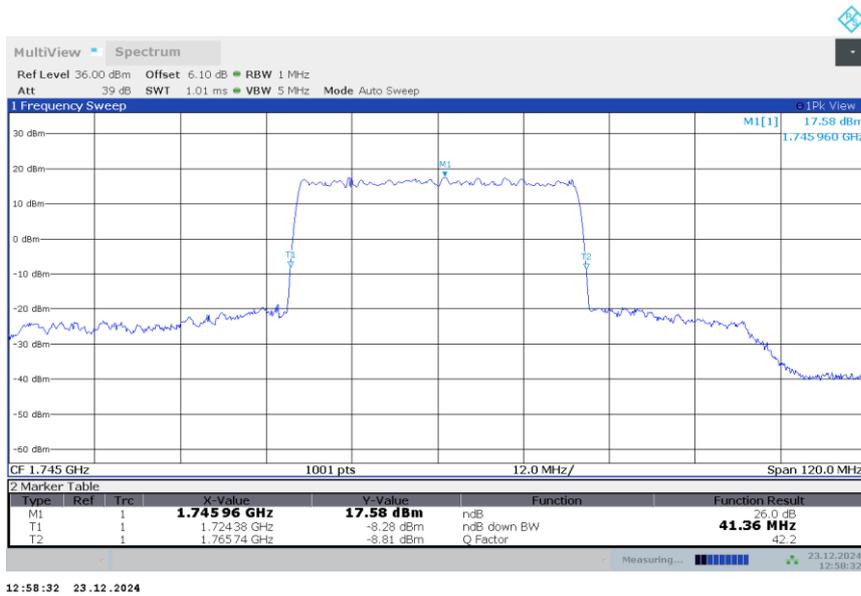
LTE Band 13+NR n66
n66,40MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1745	41.240	41.360	41.240

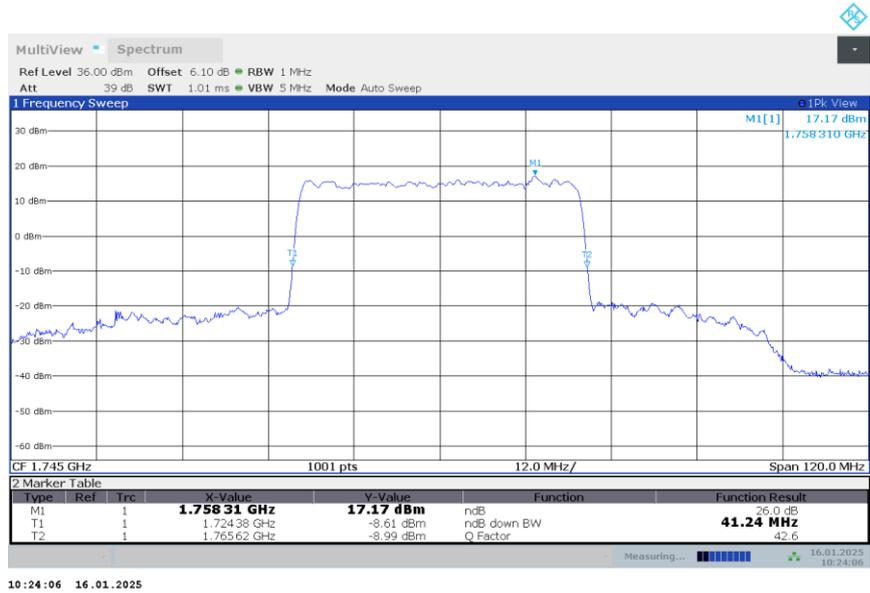
n66,40MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n66,40MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n66,40MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



10:24:06 16.01.2025

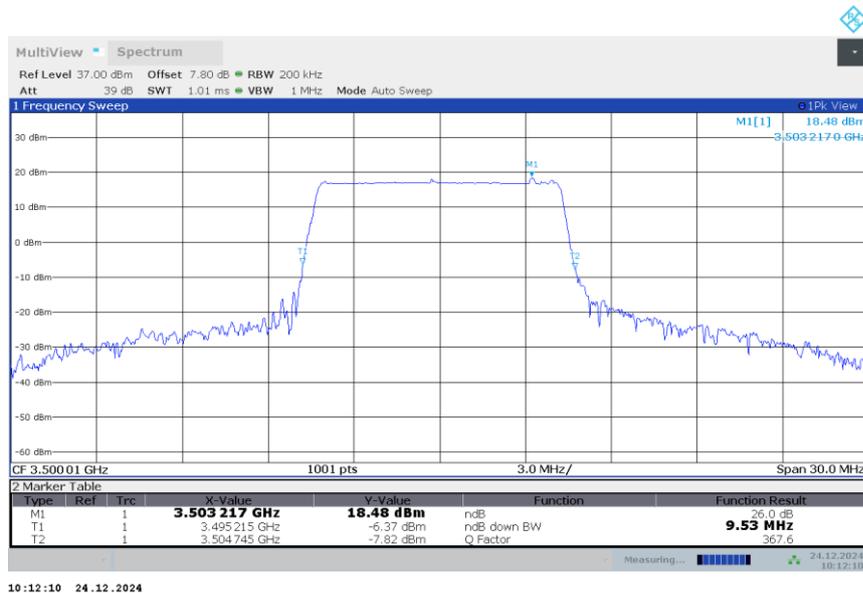
**LTE Band 2+NR n77L
n77L,10MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3500.01	9.530	9.530	9.680

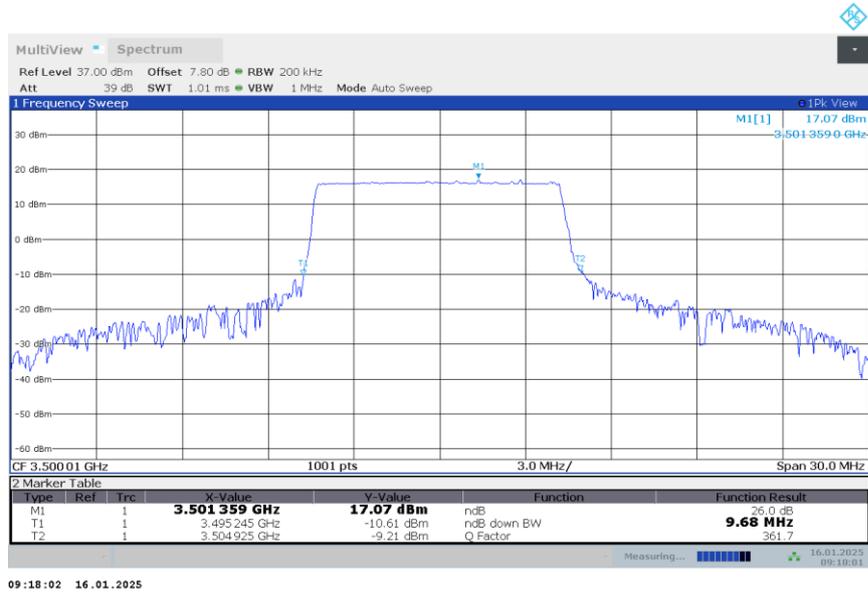
n77L,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n77L,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



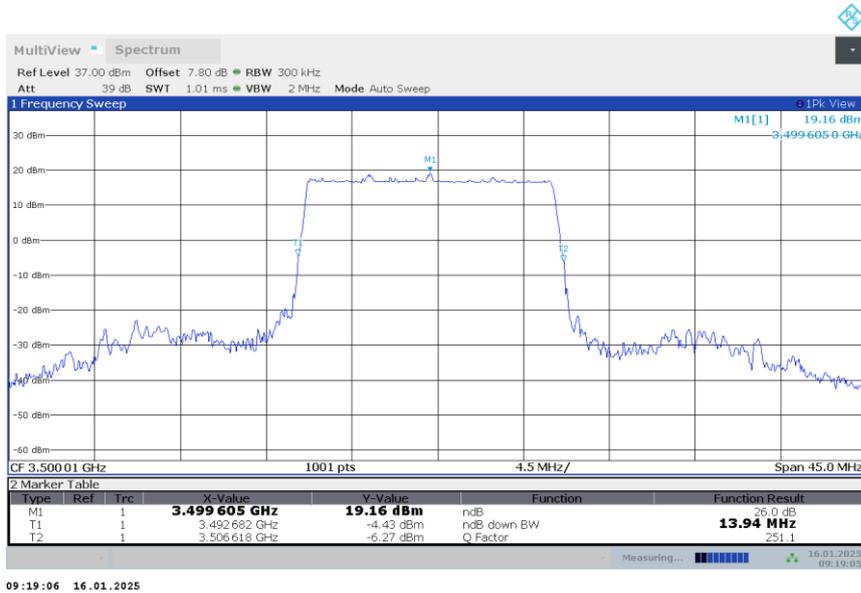
n77L,10MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



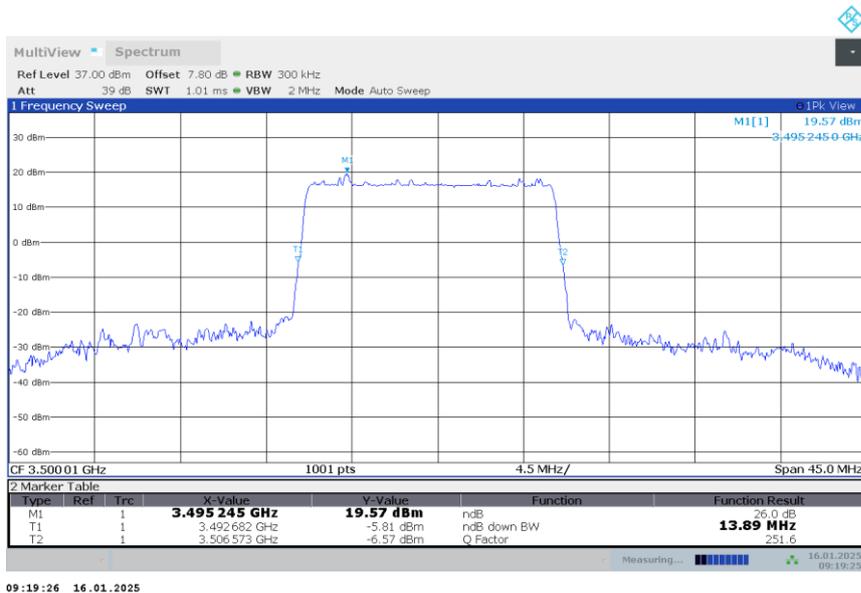
LTE Band 2+NR n77L
n77L,15MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3500.01	13.936	13.891	13.936

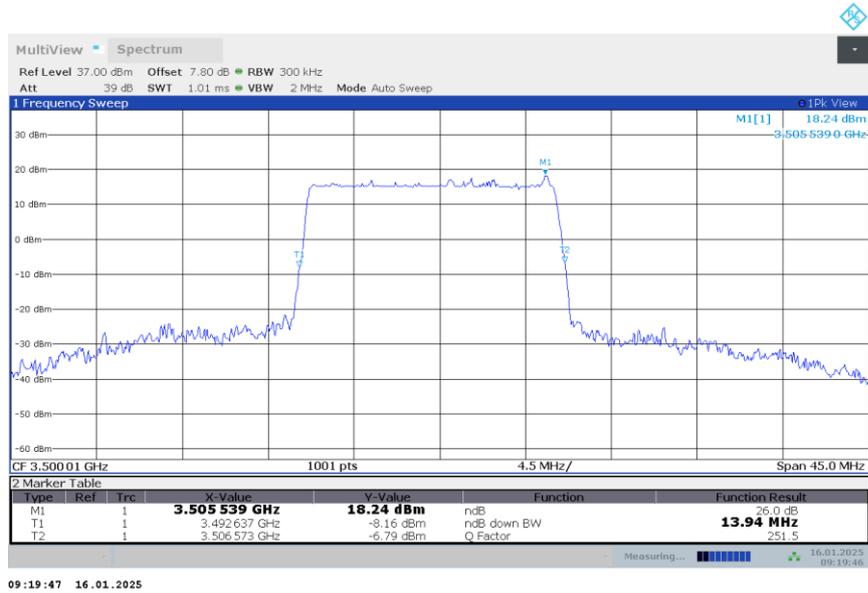
n77L,15MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n77L,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



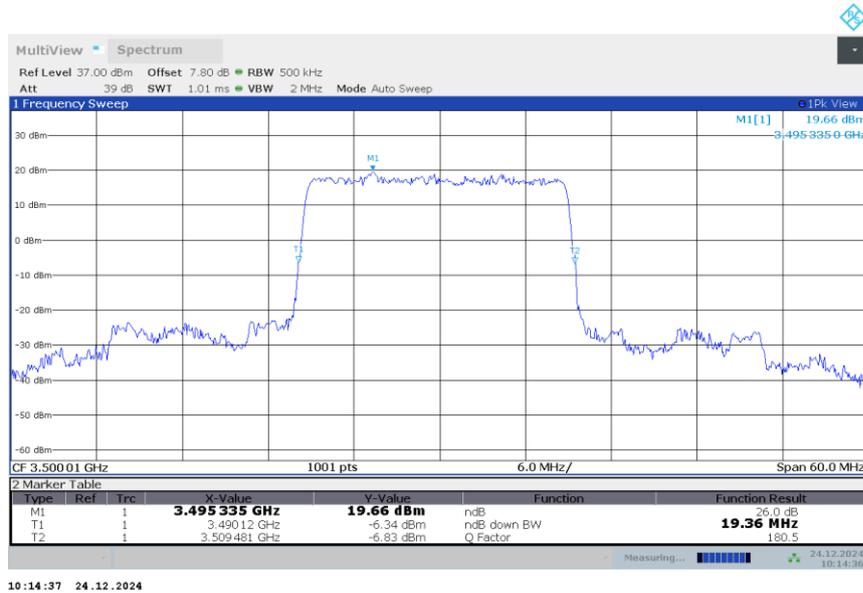
n77L,15MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



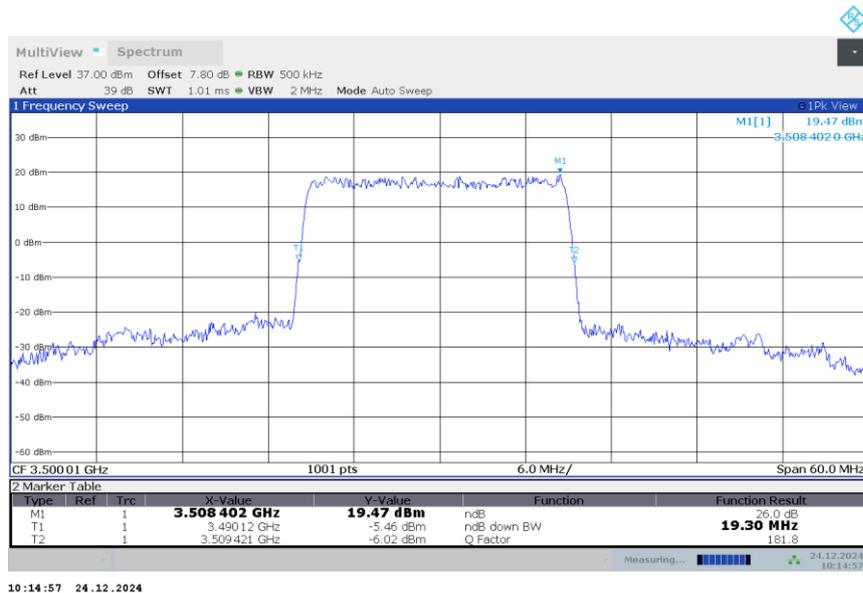
LTE Band 2+NR n77L
n77L,20MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3500.01	19.361	19.301	19.241

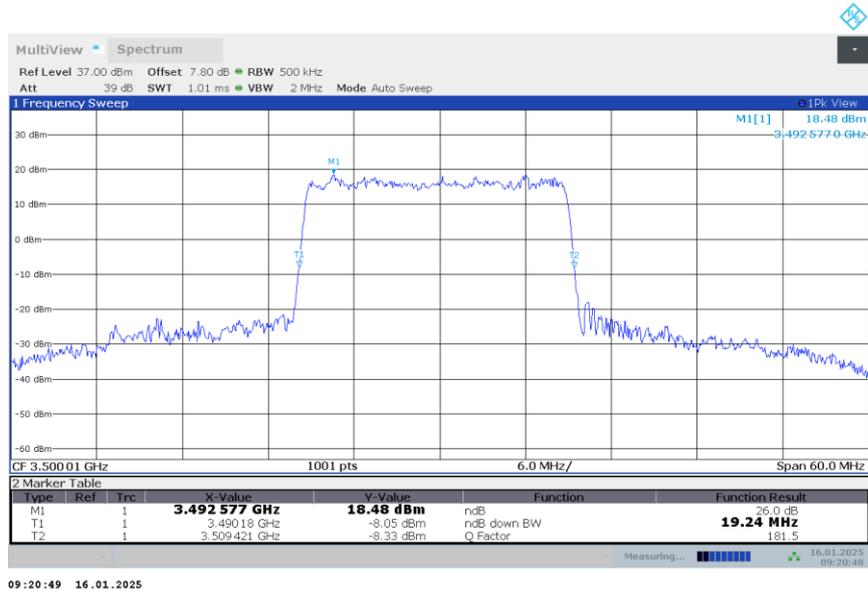
n77L,20MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n77L,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



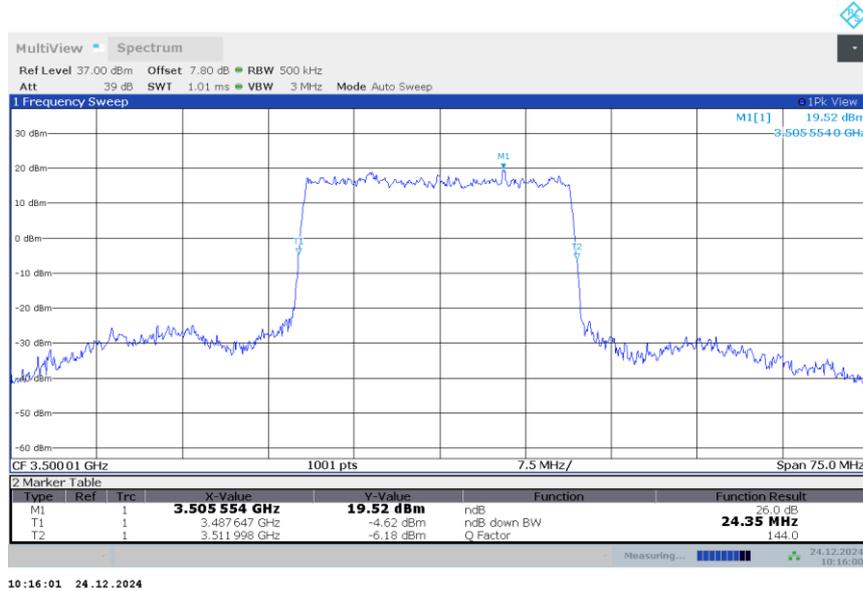
n77L,20MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



LTE Band 2+NR n77L
n77L,25MHz(-26dBc)

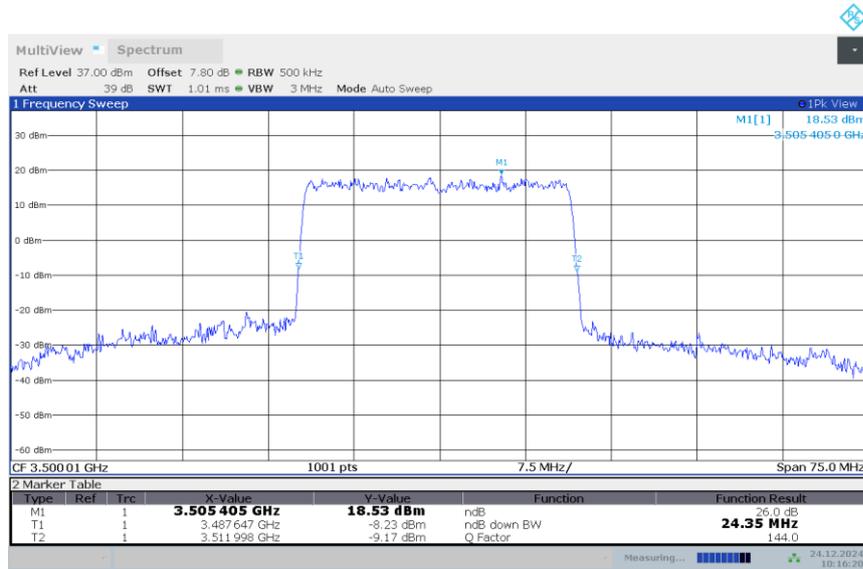
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3500.01	24.351	24.351	24.426

n77L,25MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



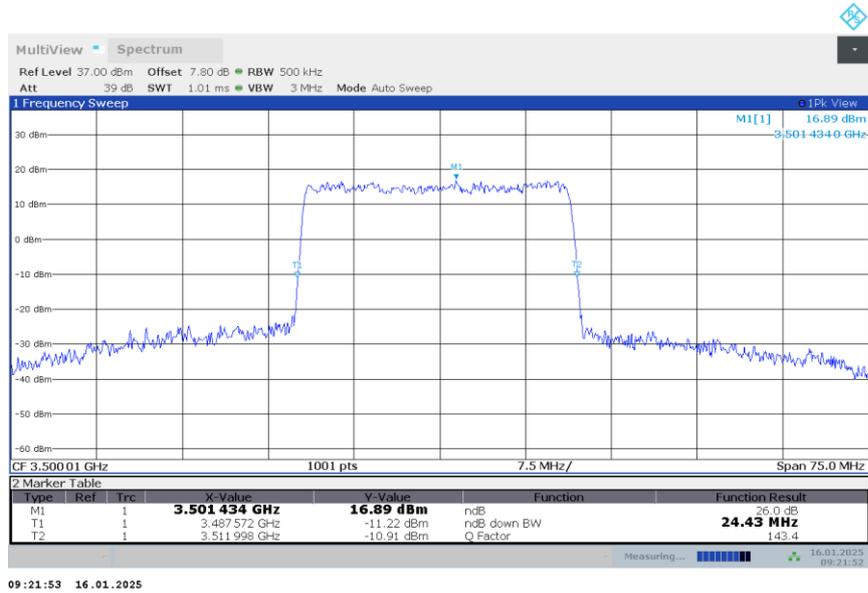
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n77L,25MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



10:16:21 24.12.2024

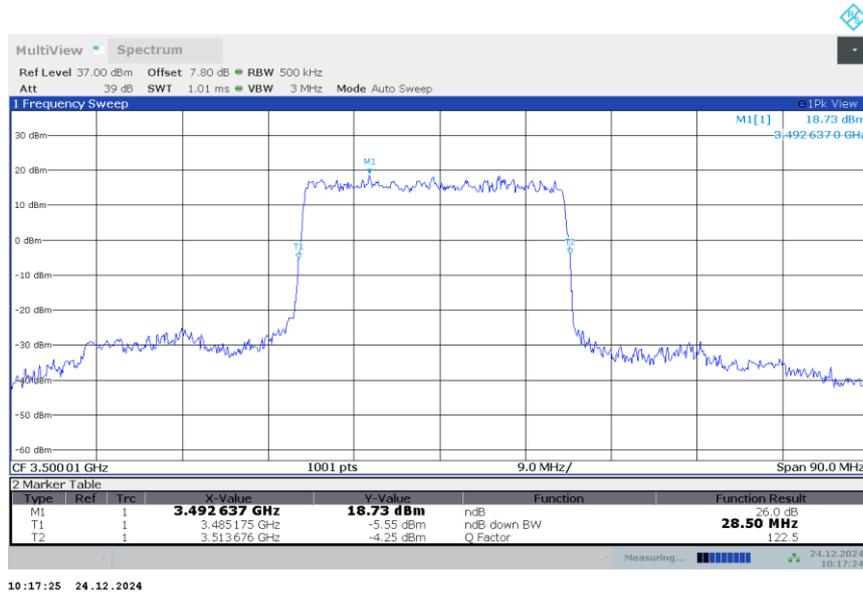
n77L,25MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



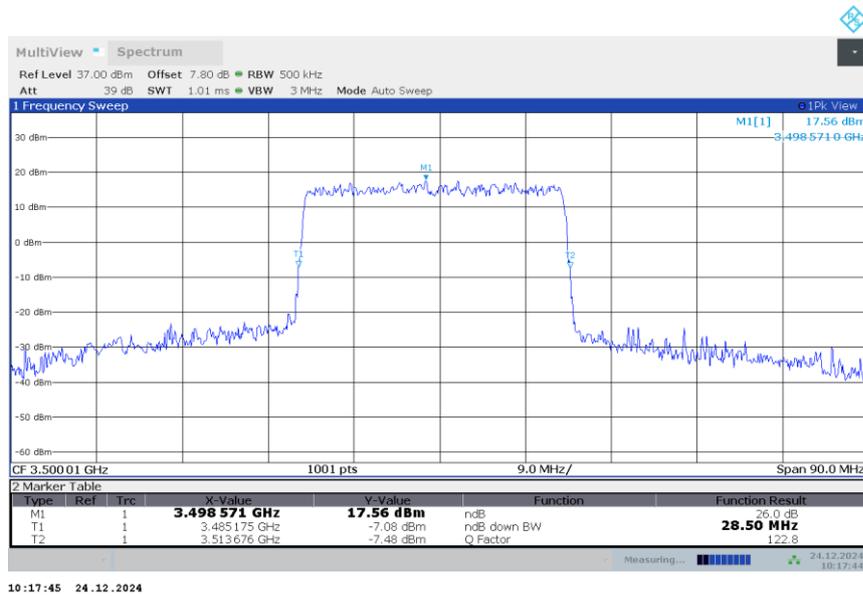
LTE Band 2+NR n77L
n77L,30MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3500.01	28.501	28.501	28.501

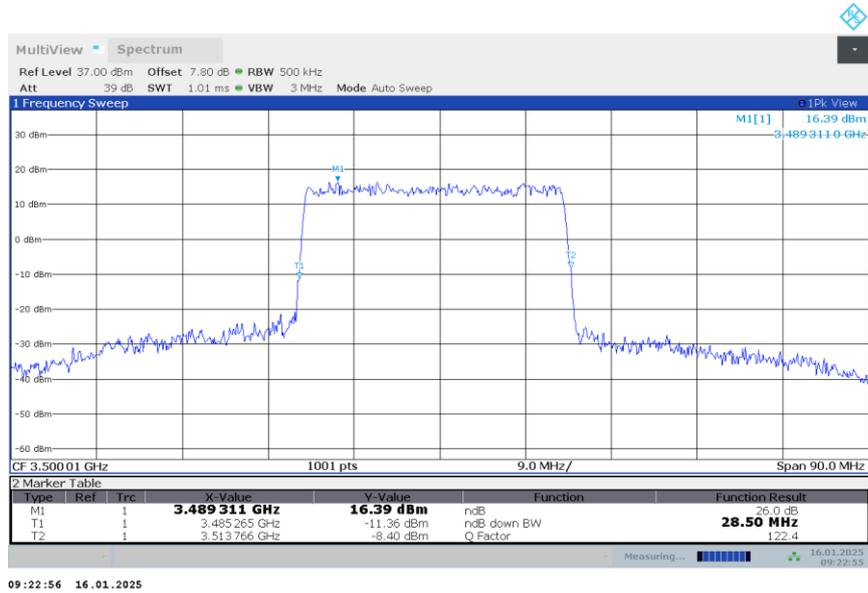
n77L,30MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n77L,30MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



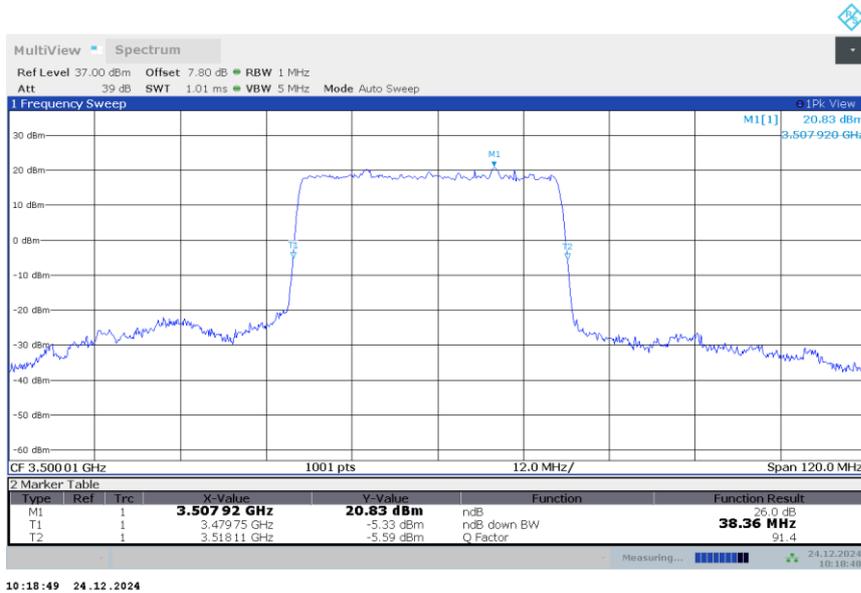
n77L,30MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



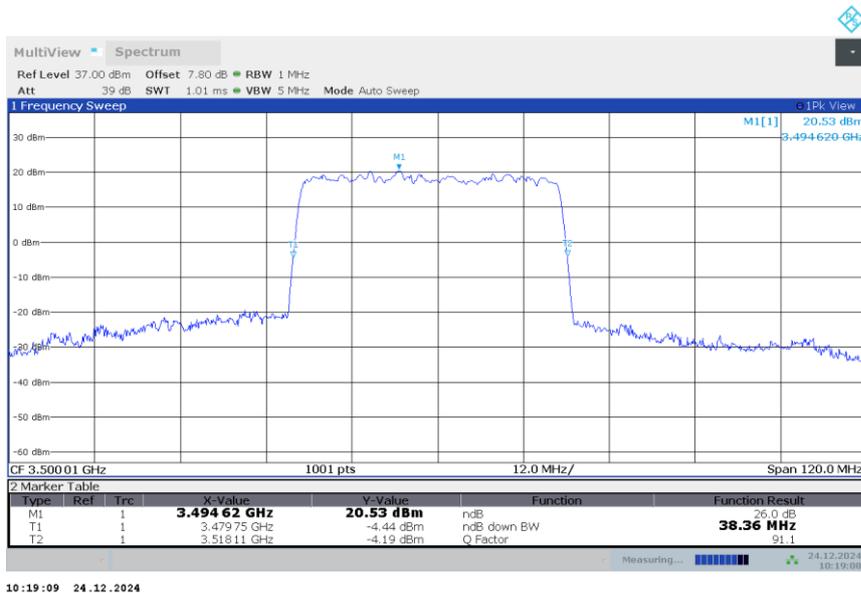
LTE Band 2+NR n77L
n77L,40MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3500.01	38.360	38.360	38.480

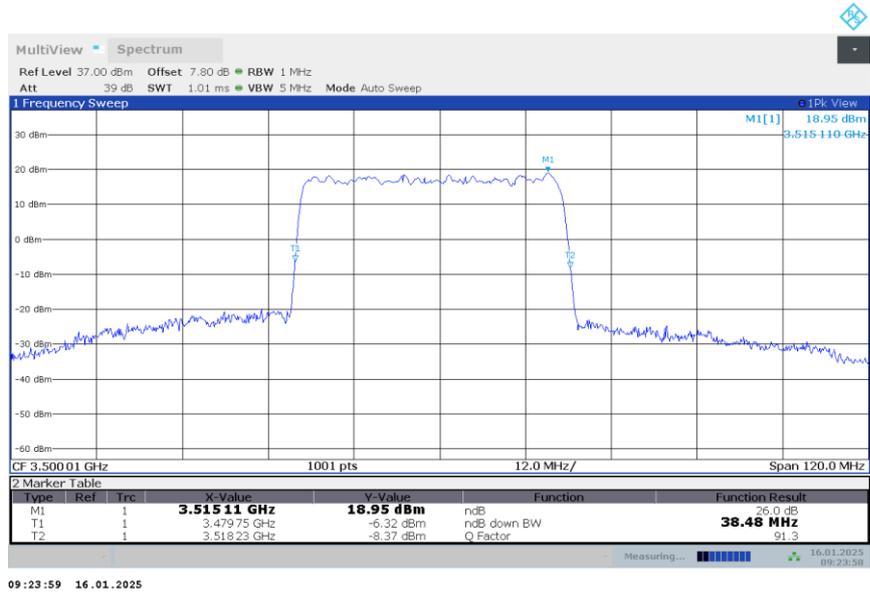
n77L,40MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n77L,40MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



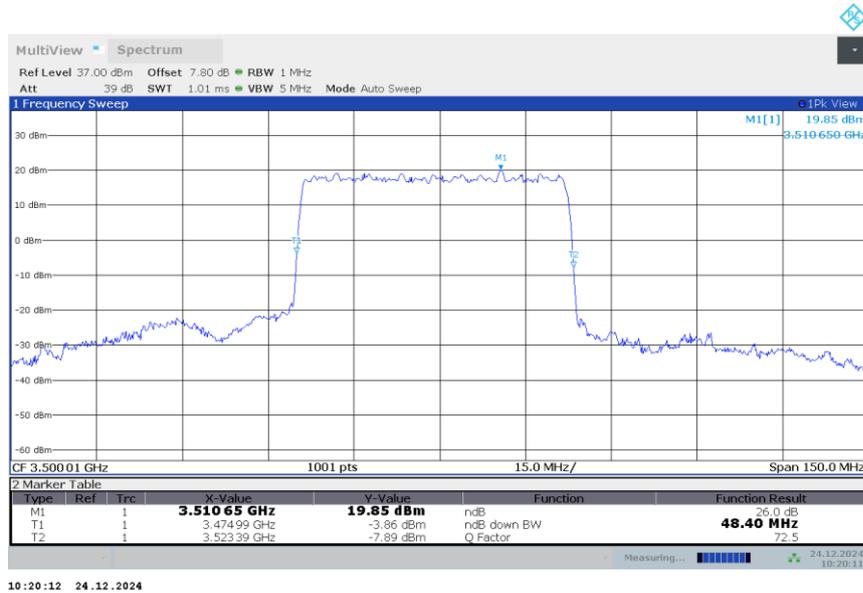
n77L,40MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



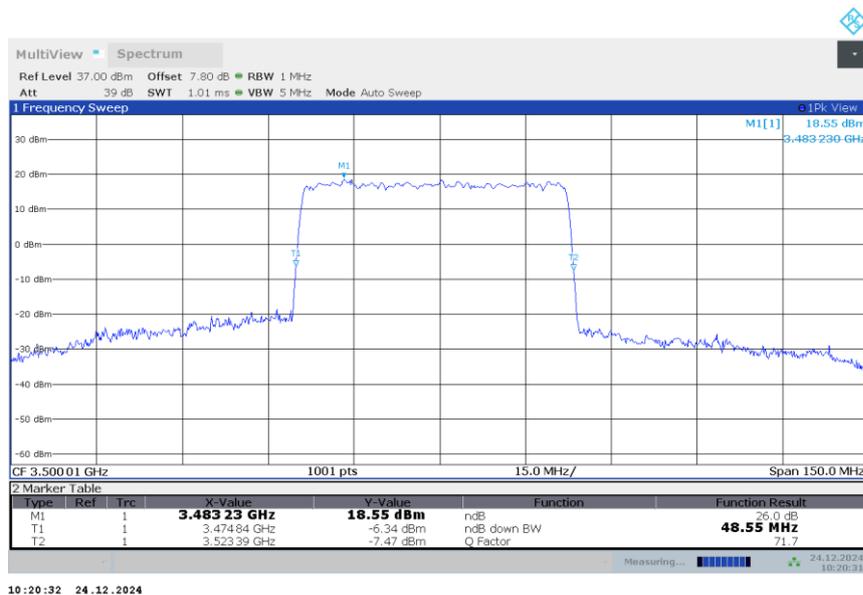
LTE Band 2+NR n77L
n77L,50MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3500.01	48.400	48.550	48.400

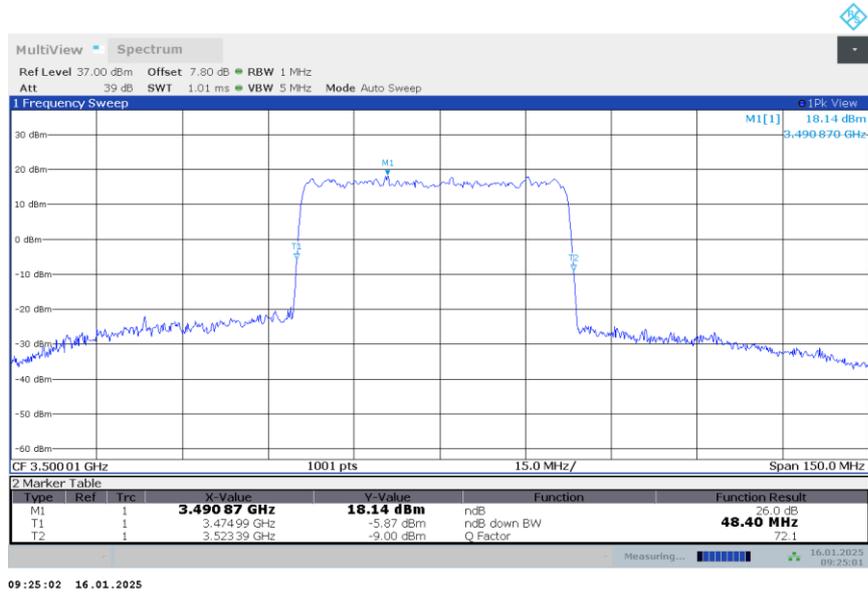
n77L,50MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n77L,50MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



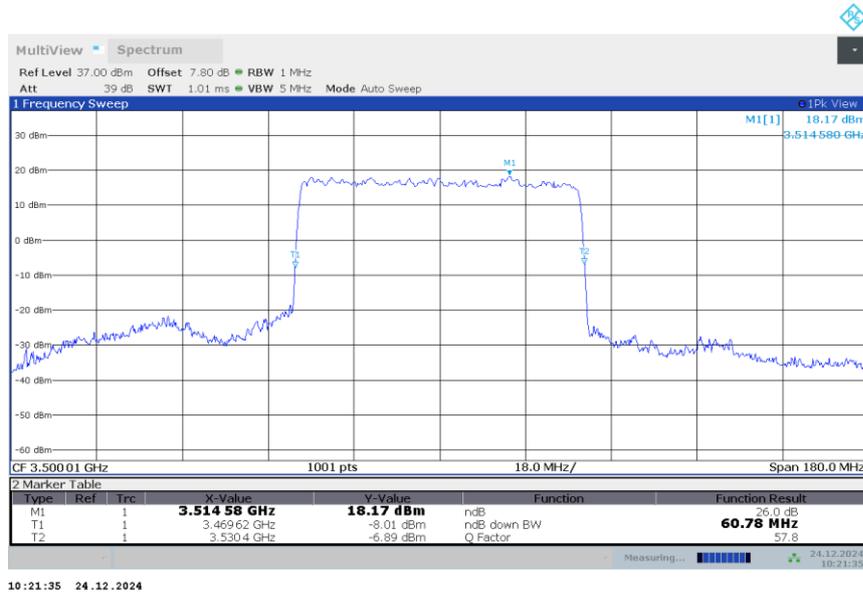
n77L,50MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



LTE Band 2+NR n77L
n77L,60MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3500.01	60.780	60.780	60.780

n77L,60MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n77L,60MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

