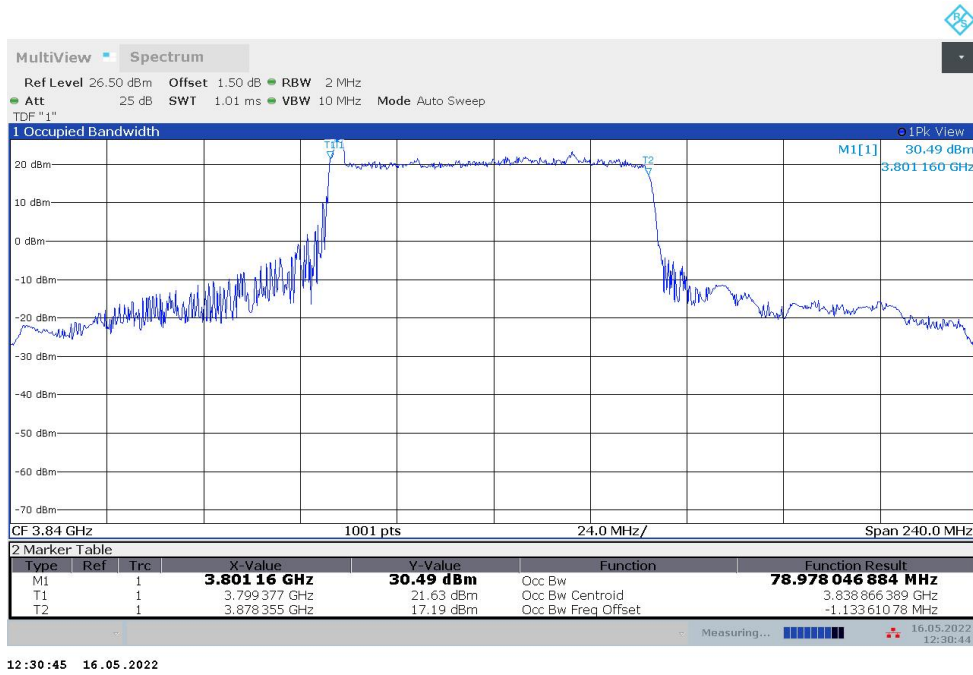


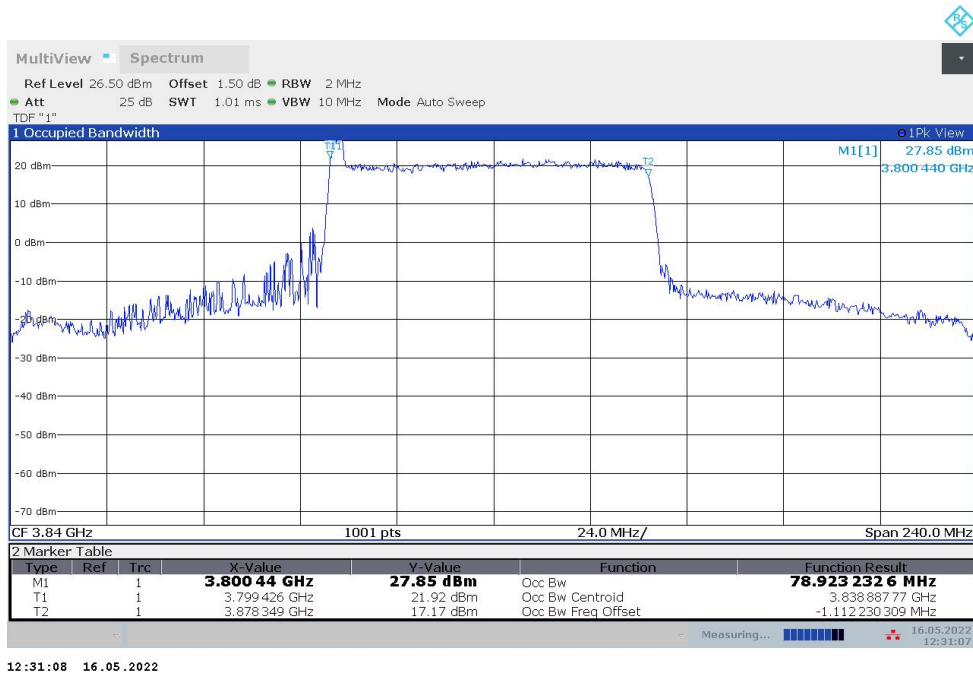
**LTE Band 12+NR n77H**  
**n77H,80MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	78.978	78.923

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



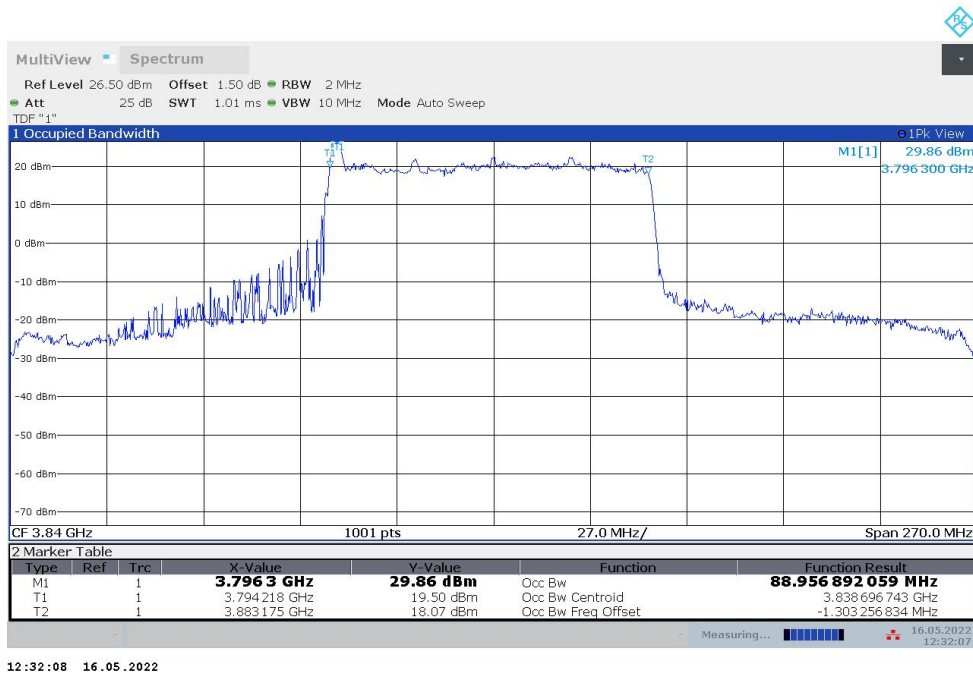
**n77H,80MHz Bandwidth,DFT-s-QPSK (99% BW)**



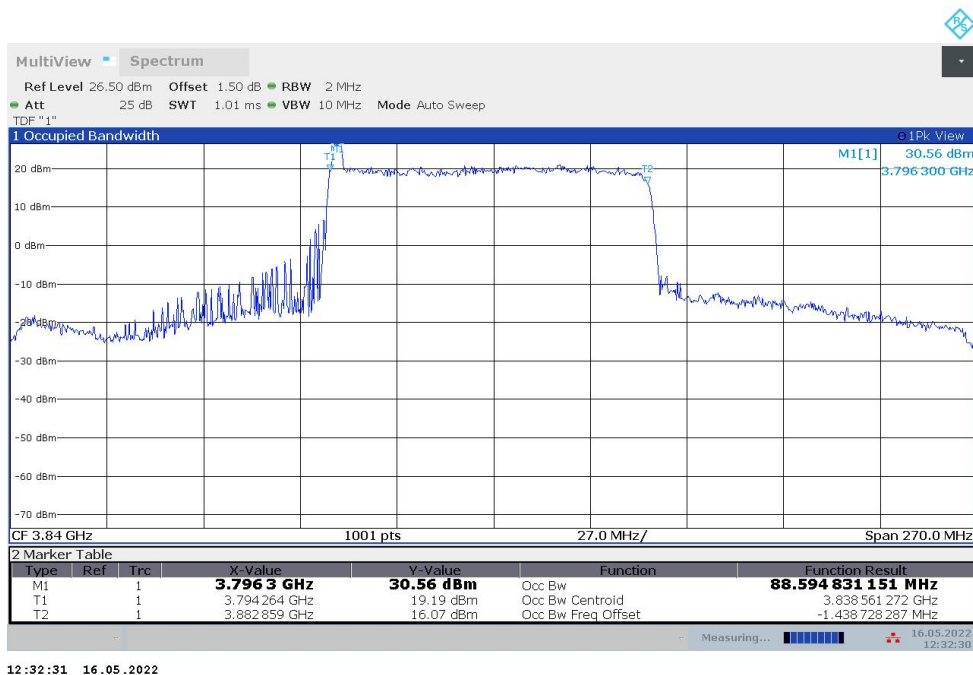
### LTE Band 12+NR n77H n77H,90MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	88.957	88.595

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



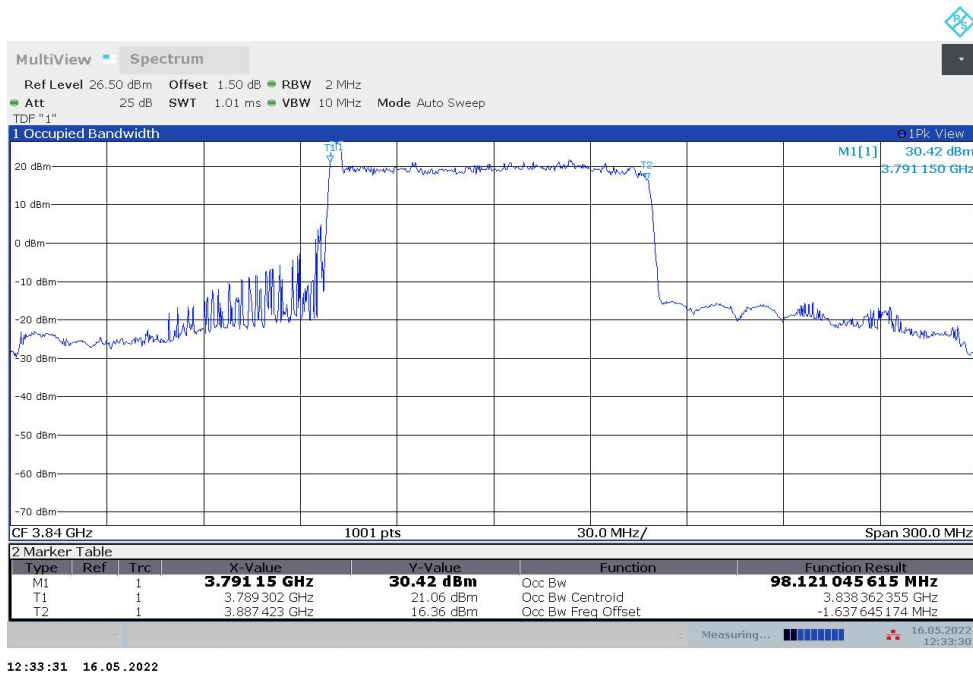
### n77H,90MHz Bandwidth,DFT-s-QPSK (99% BW)



**LTE Band 12+NR n77H  
n77H,100MHz(99%)**

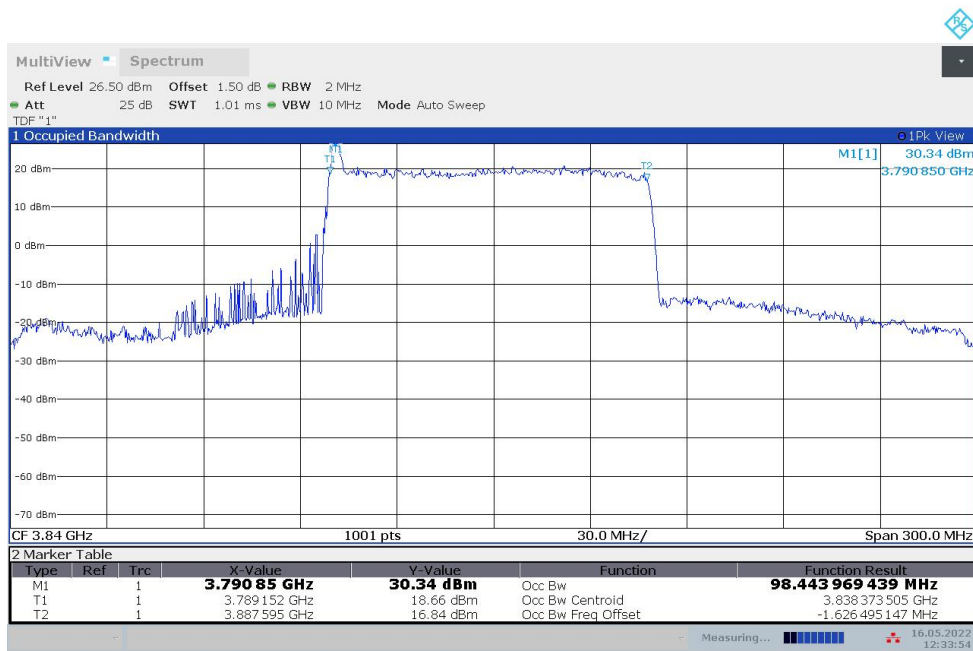
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	98.121	98.444

**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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## **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  $\geq 3 \times \text{RBW}$ .
- 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.

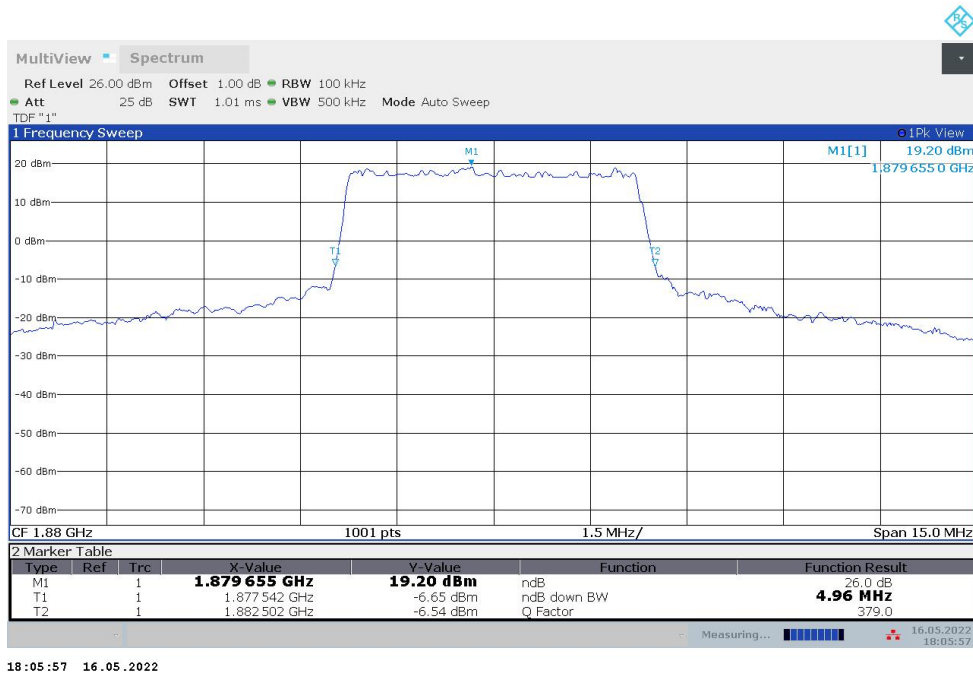
### LTE Band 12+NR n2 n2,5MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1880	4.930	4.960

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



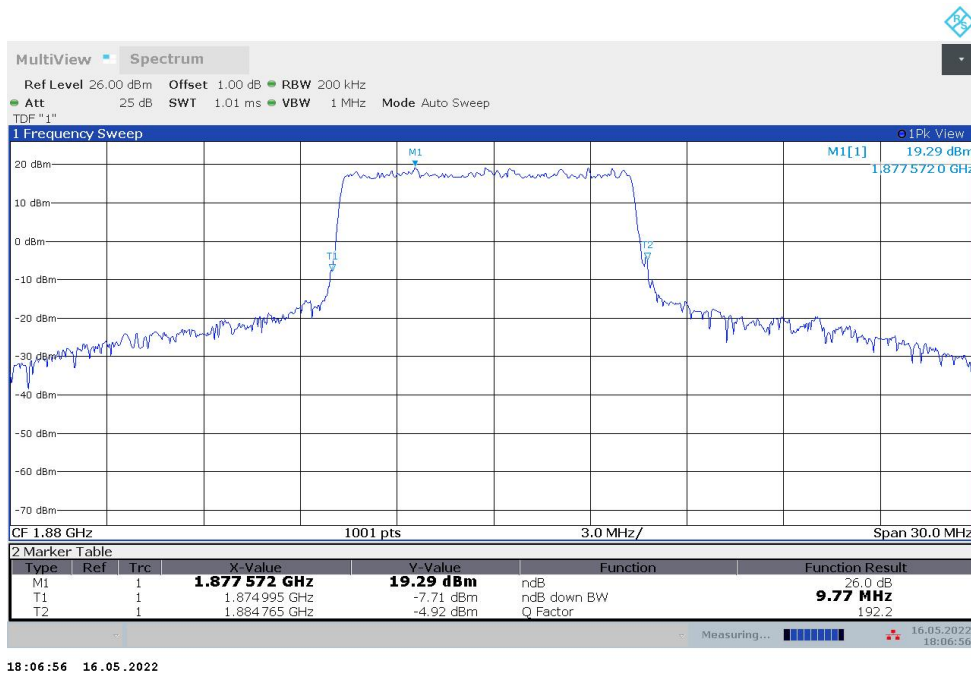
### n2,5MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



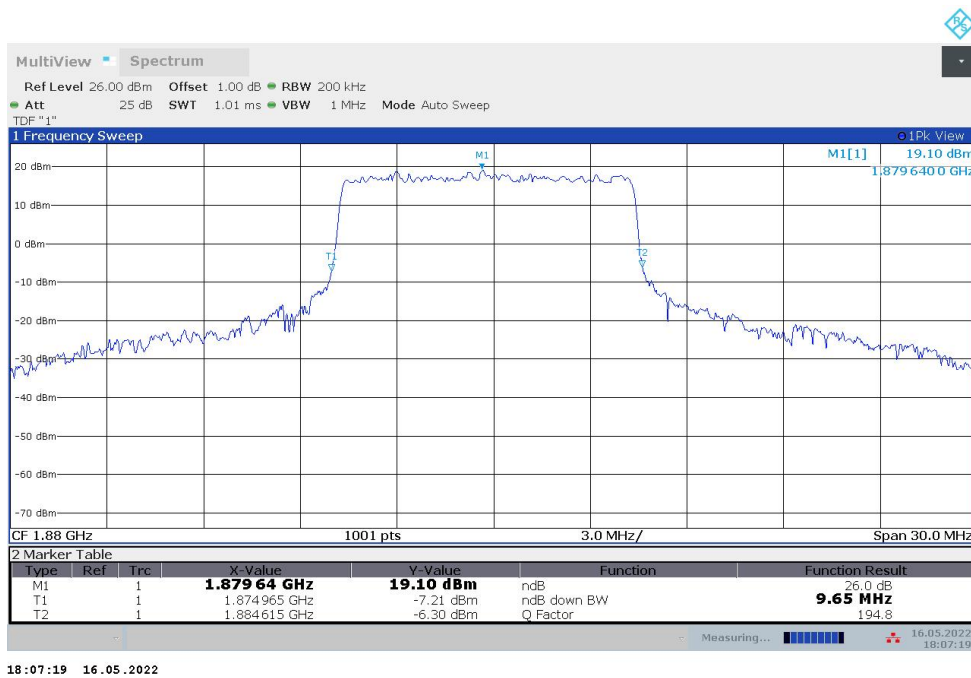
**LTE Band 12+NR n2  
n2,10MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1880	9.770	9.650

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



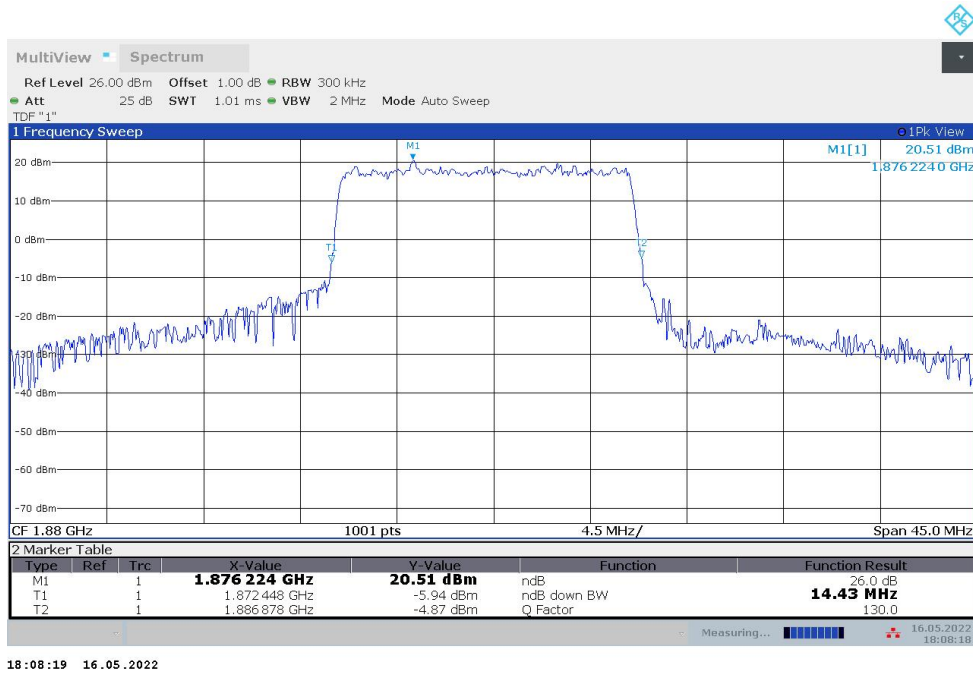
**n2,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**



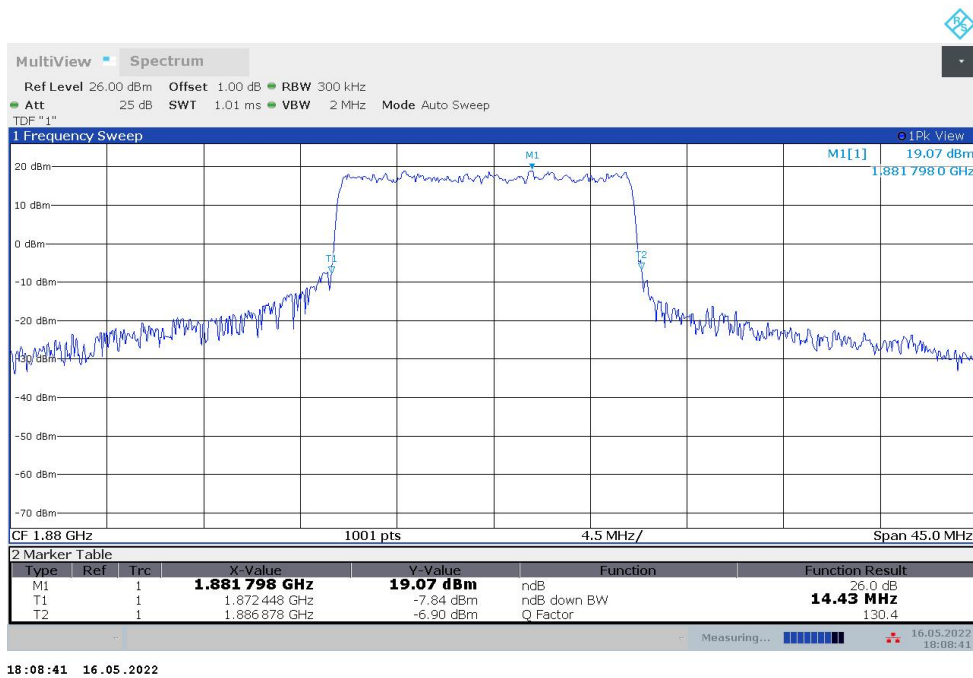
**LTE Band 12+NR n2**  
**n2,15MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1880	14.431	14.431

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



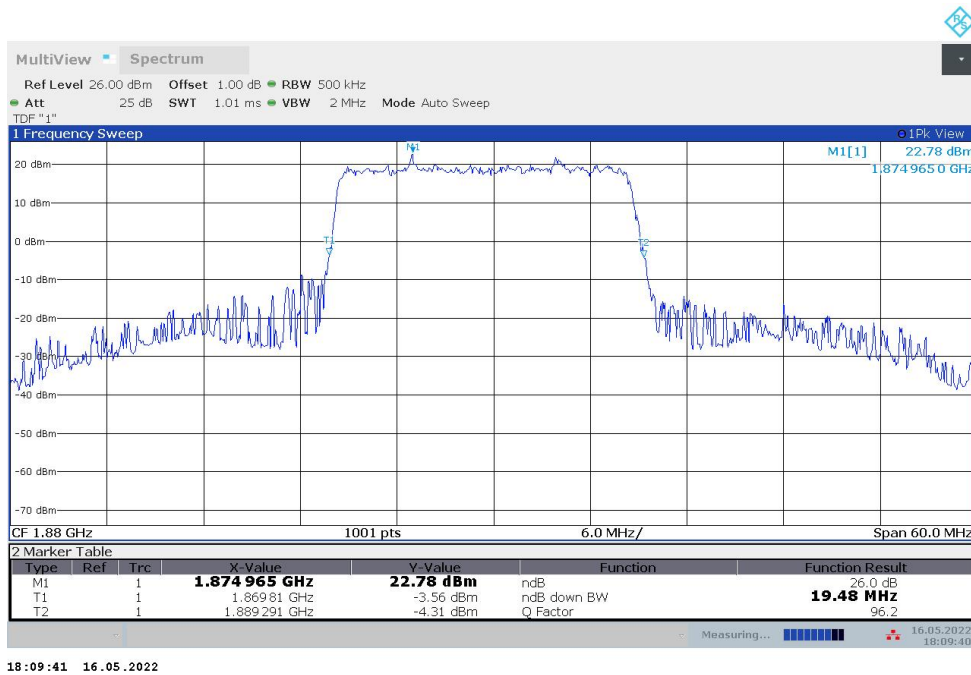
**n2,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**



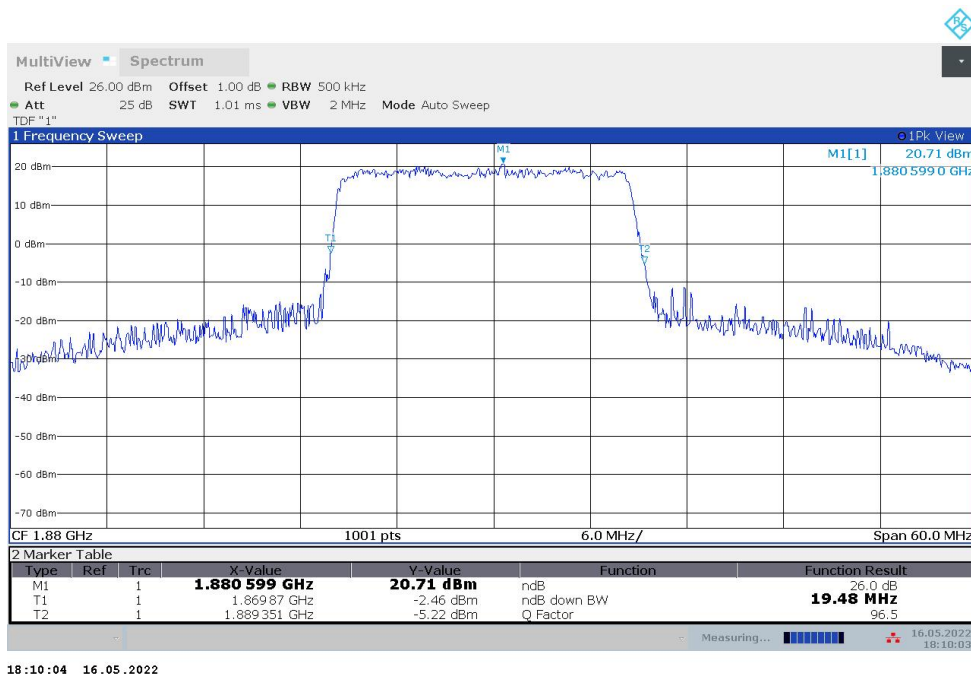
**LTE Band 12+NR n2  
n2,20MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1880	19.481	19.481

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



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





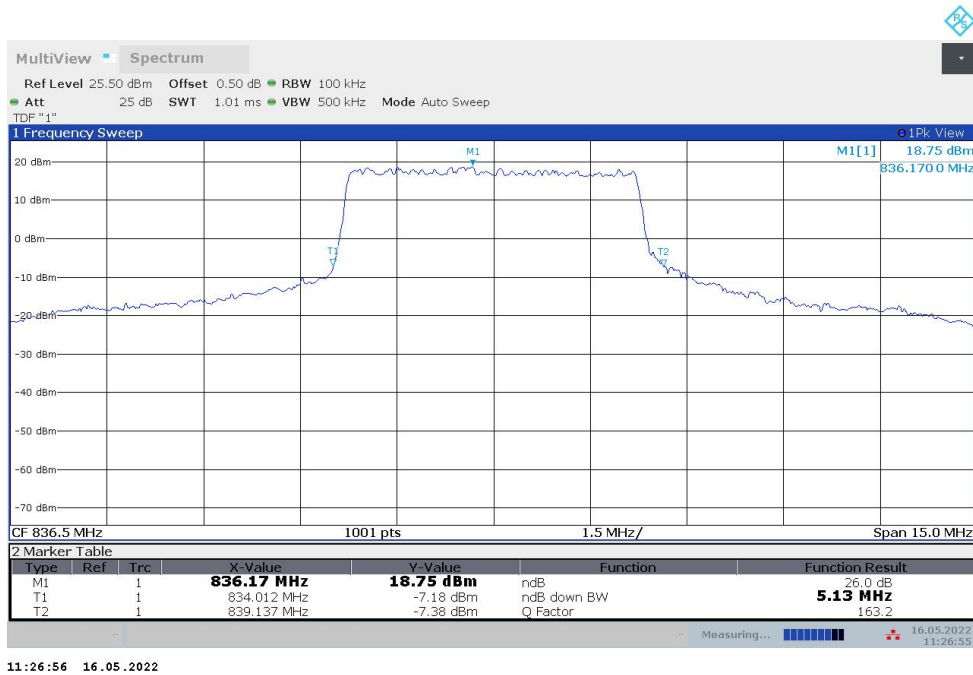
### LTE Band 2+NR n5 n5,5MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
836.5	4.930	5.125

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



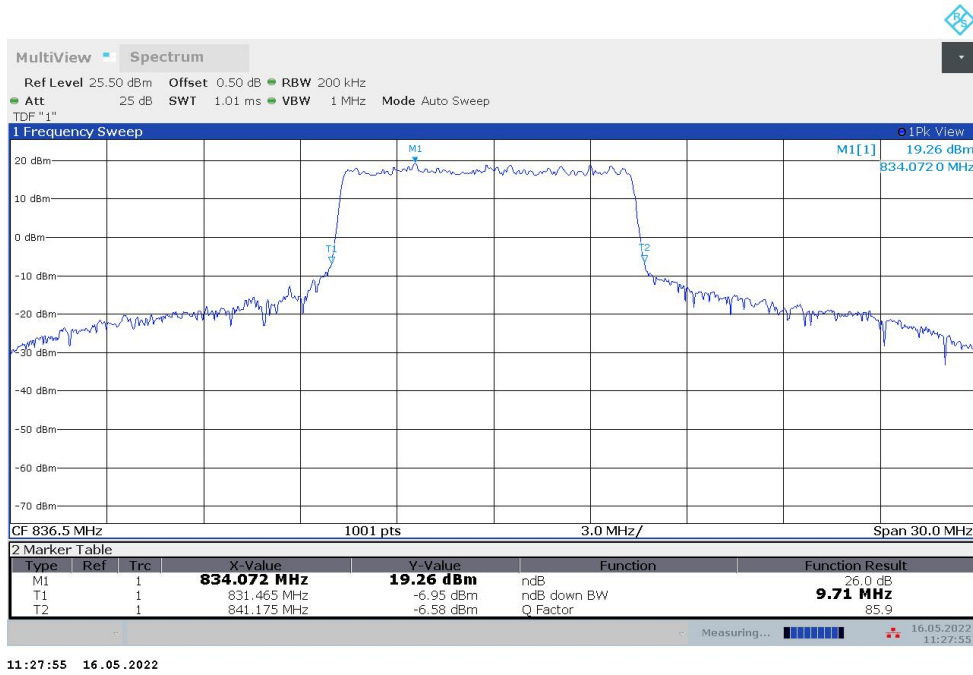
### n5,5MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



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

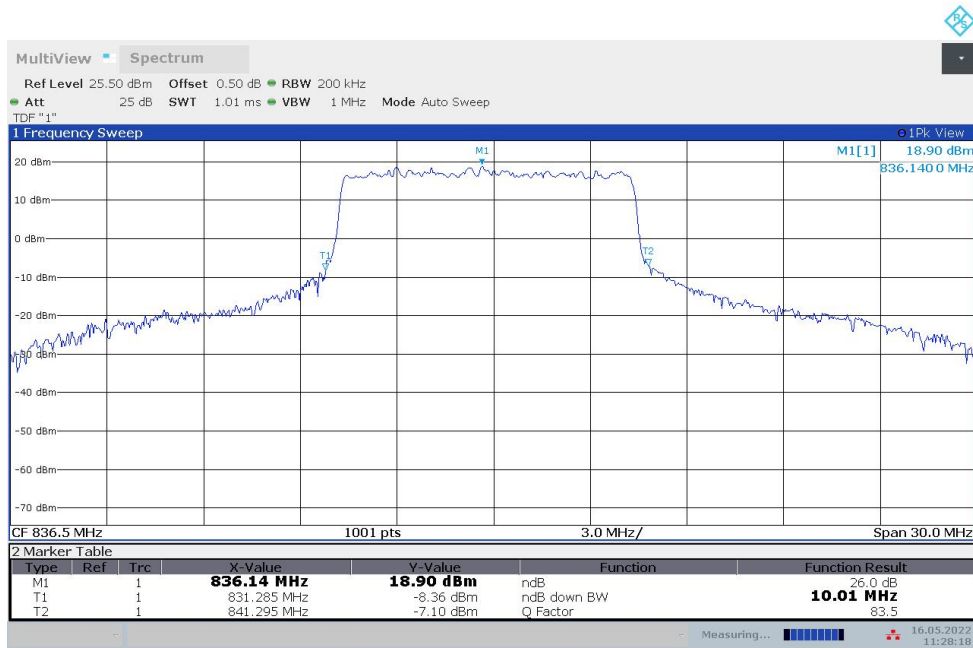
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
836.5	9.710	10.010

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



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

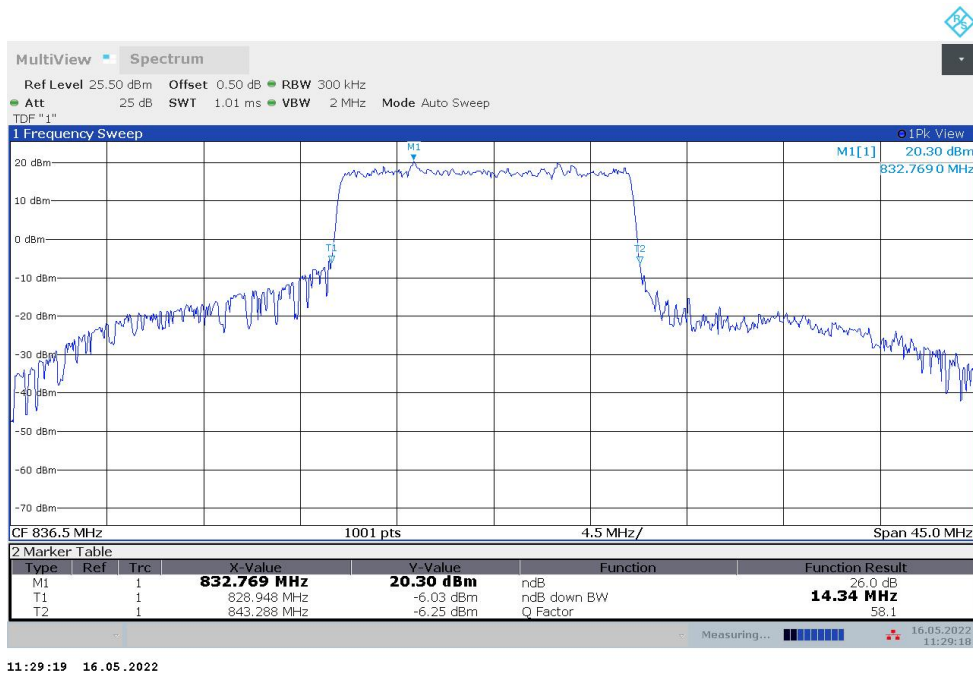


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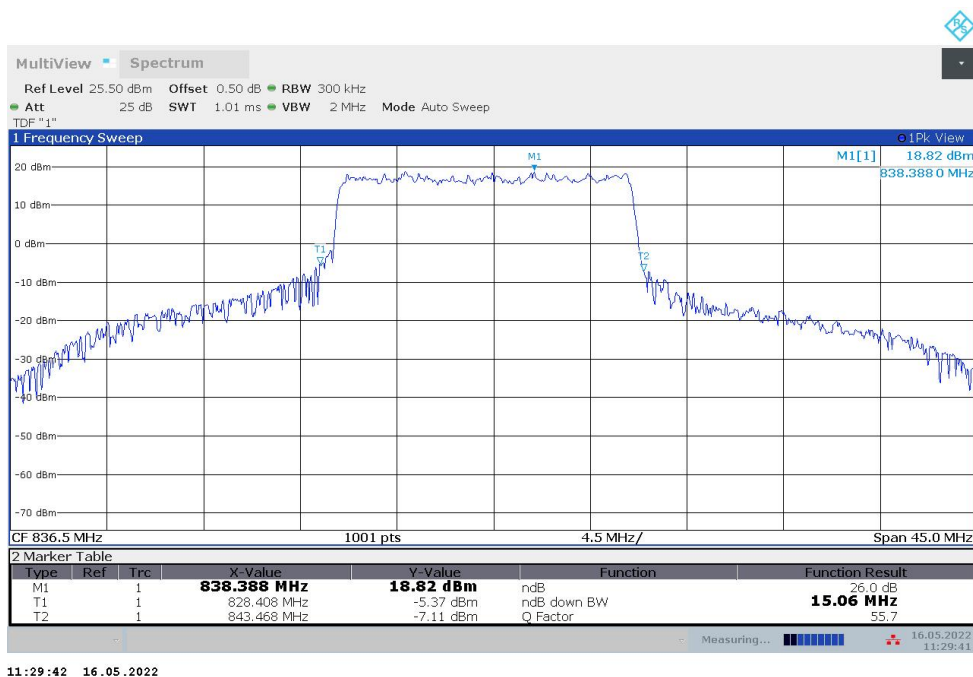
**LTE Band 2+NR n5**  
**n5,15MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
836.5	14.341	15.060

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



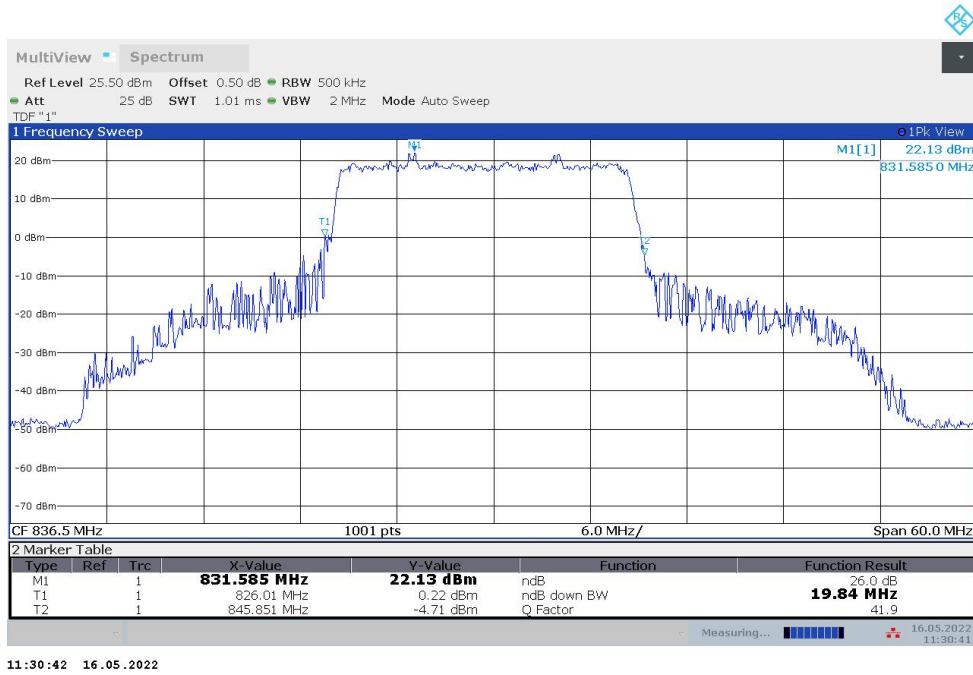
**n5,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**



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

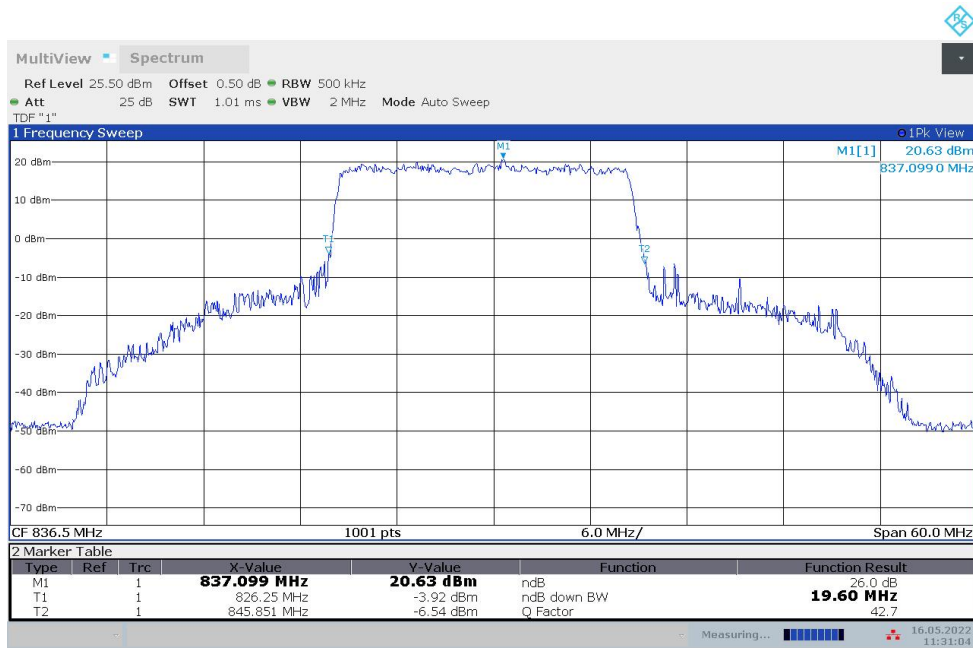
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
836.5	19.840	19.600

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



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

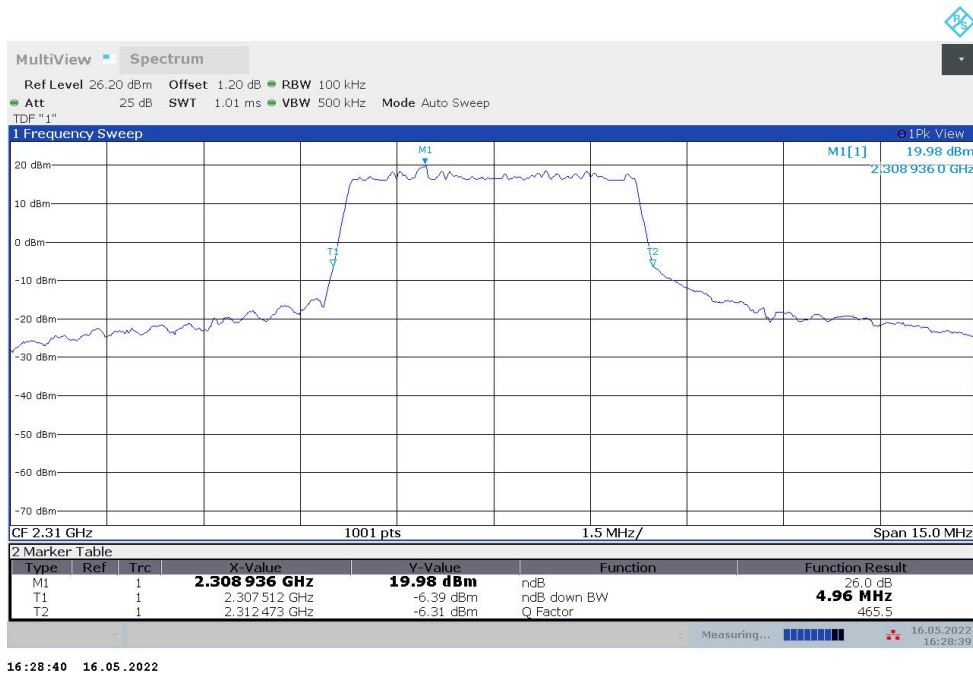


11:31:05 16.05.2022

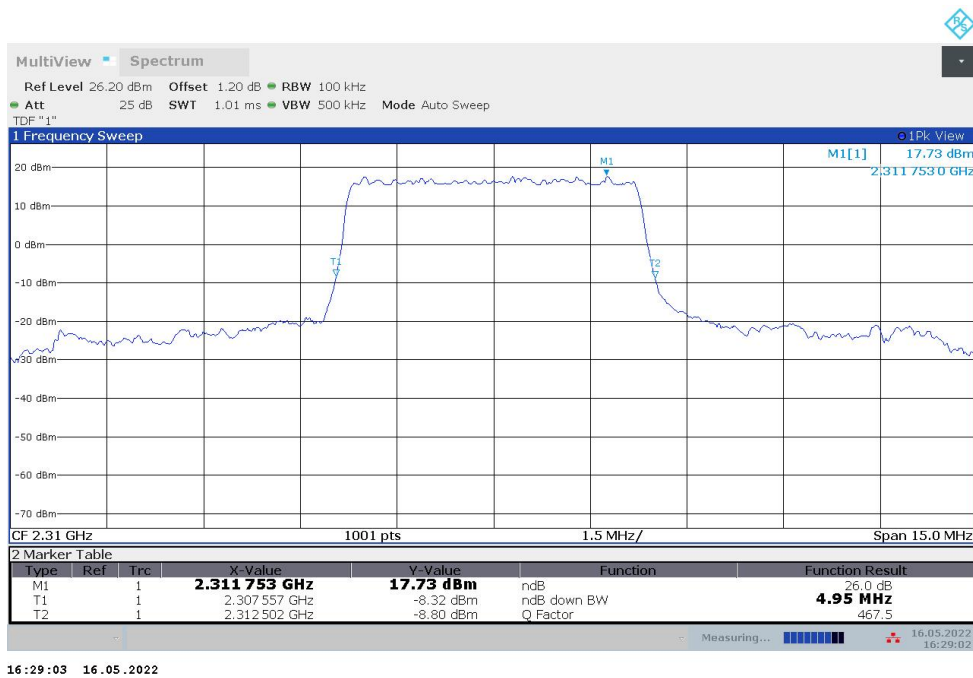
**LTE Band 5+NR n30**  
**n30,5MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2310	4.960	4.945

**n30,5MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**



**n30,5MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**



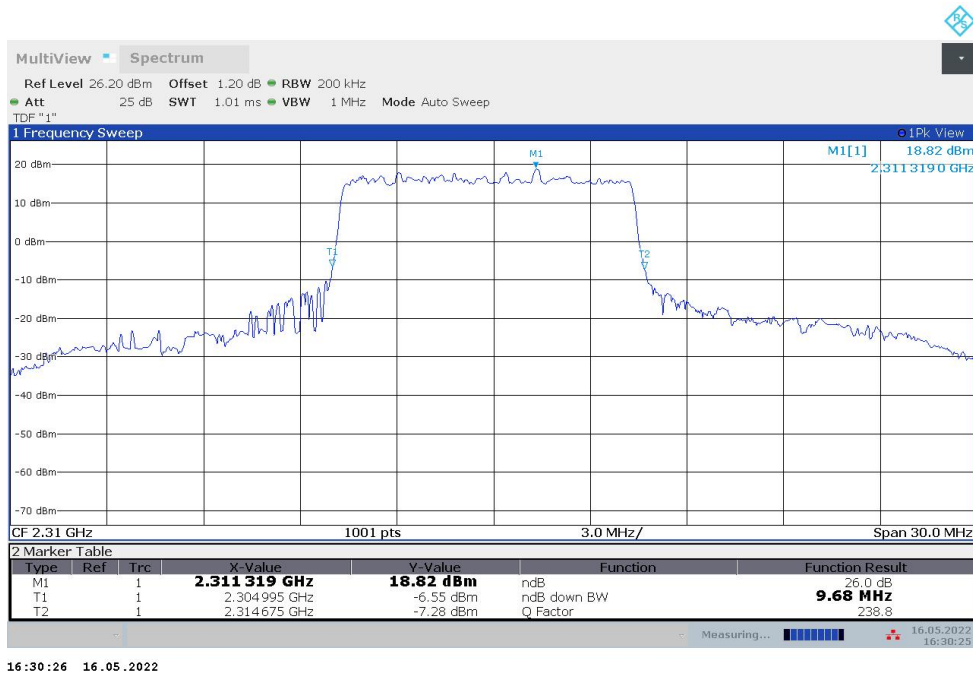
**LTE Band 5+NR n30**  
**n30,10MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2310	9.770	9.680

**n30,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**



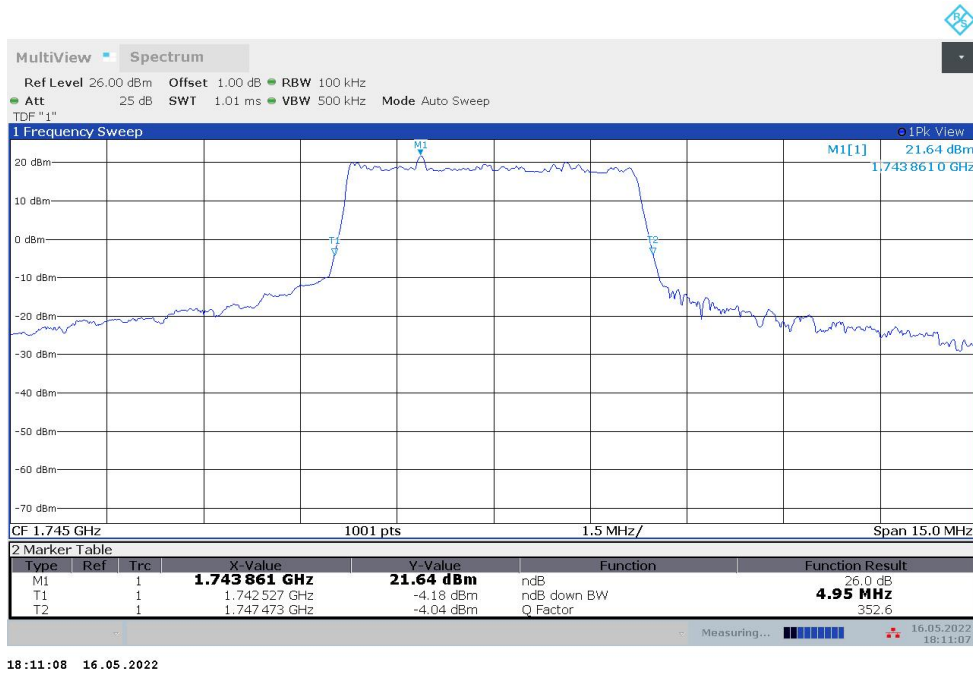
**n30,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**



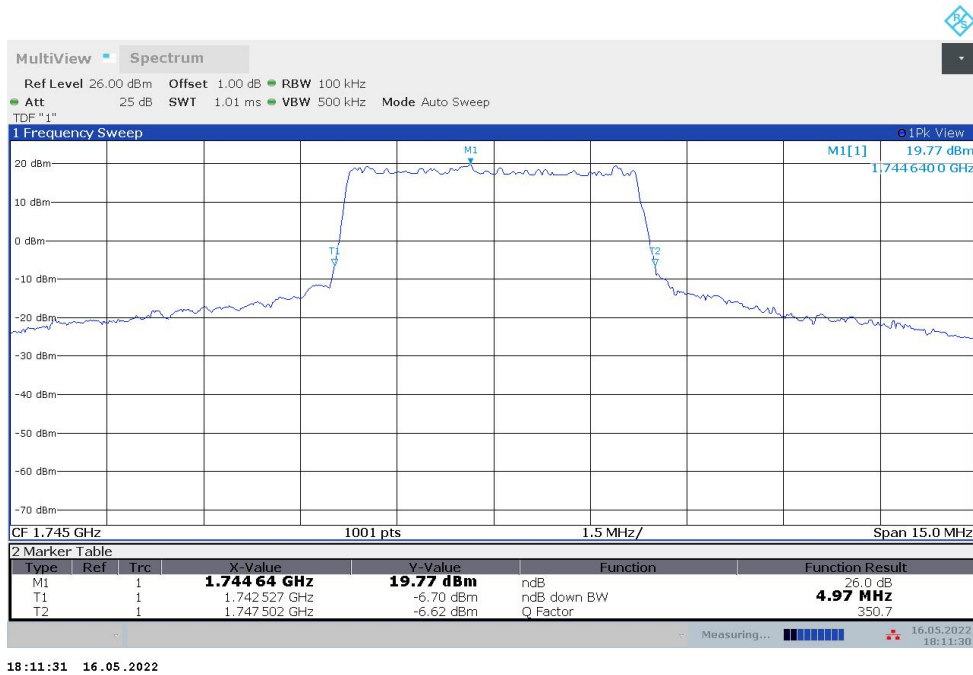
**LTE Band 5+NR n66**  
**n66,5MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1745	4.945	4.975

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



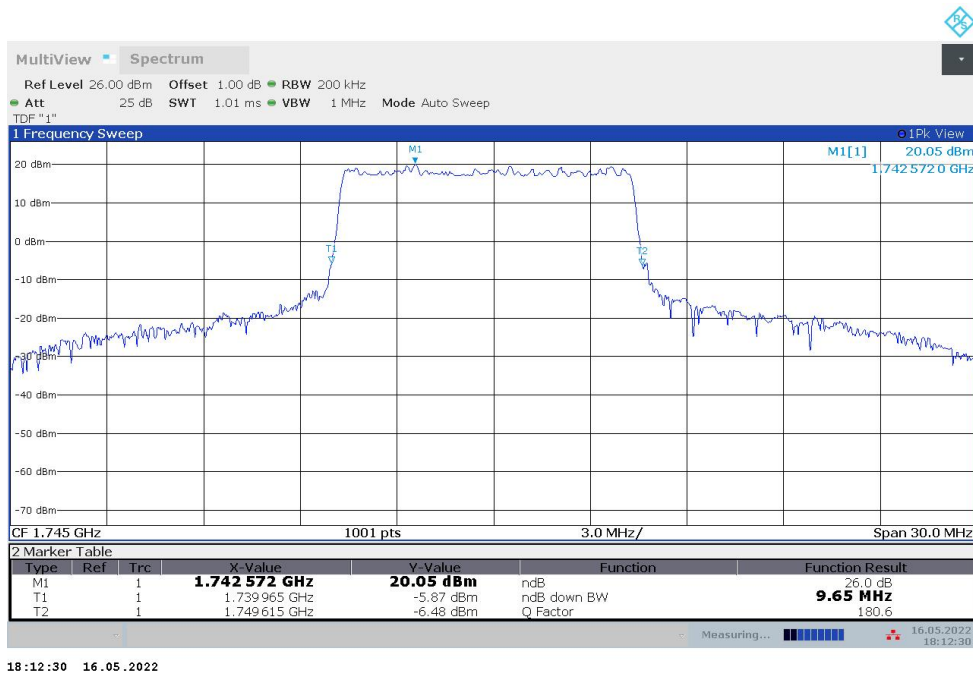
**n66,5MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**



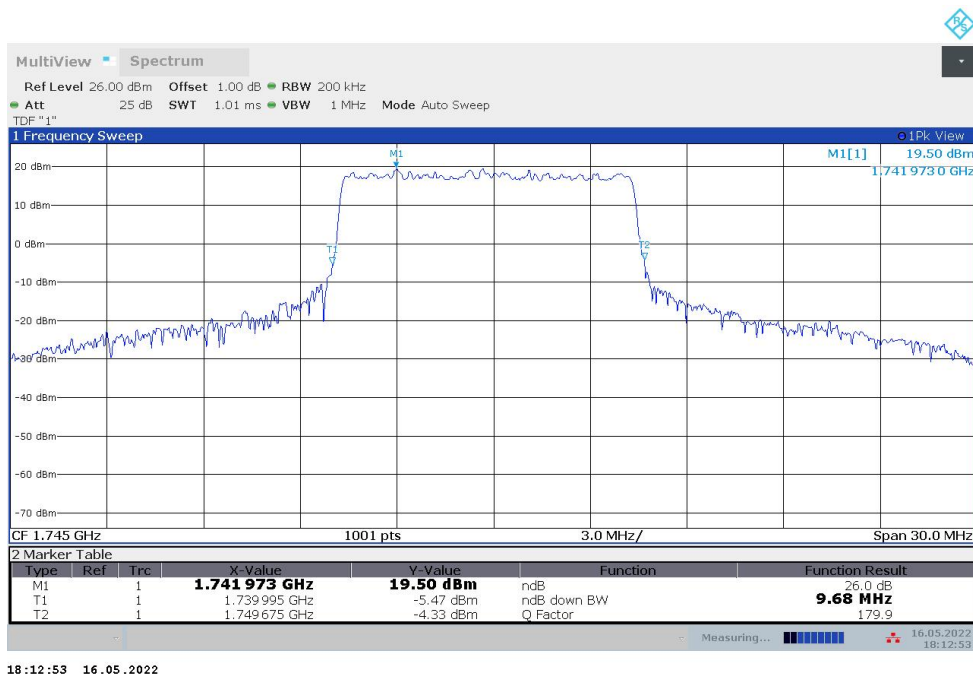
**LTE Band 5+NR n66**  
**n66,10MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1745	9.650	9.680

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



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

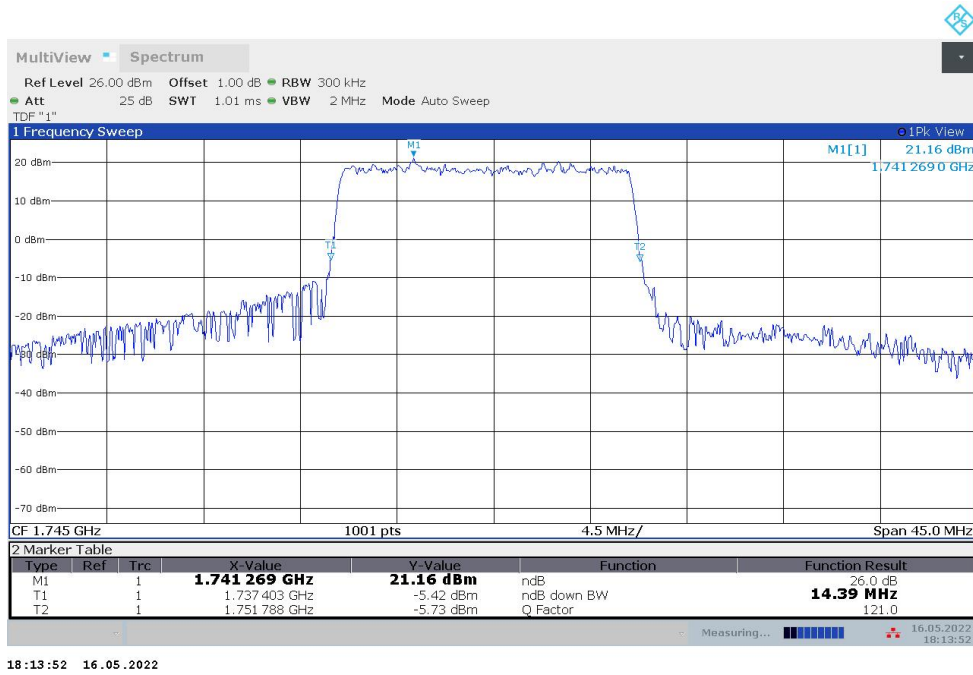




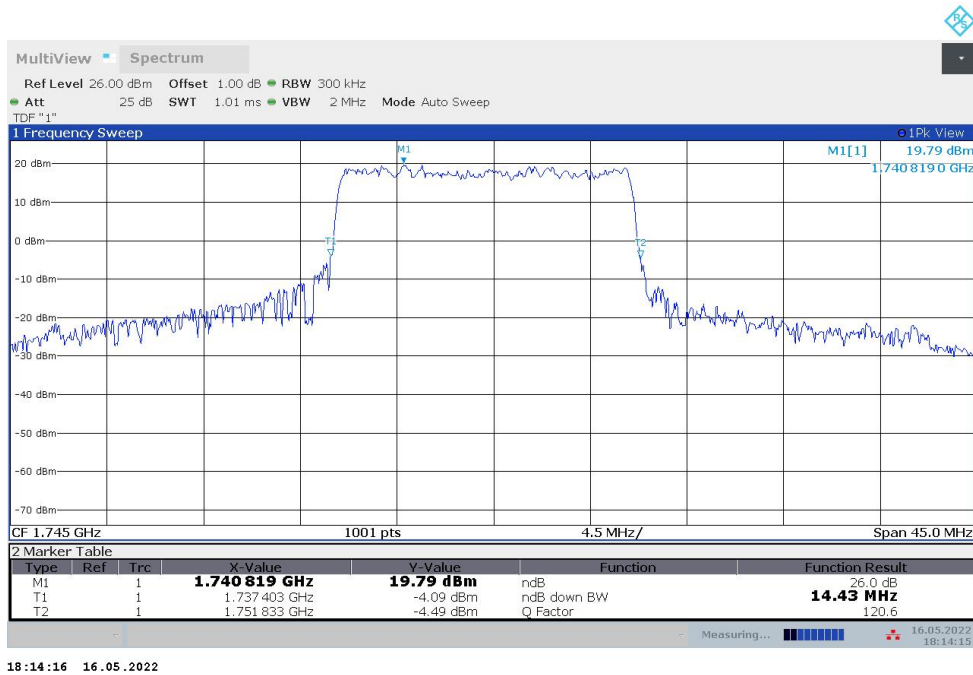
**LTE Band 5+NR n66**  
**n66,15MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1745	14.386	14.431

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



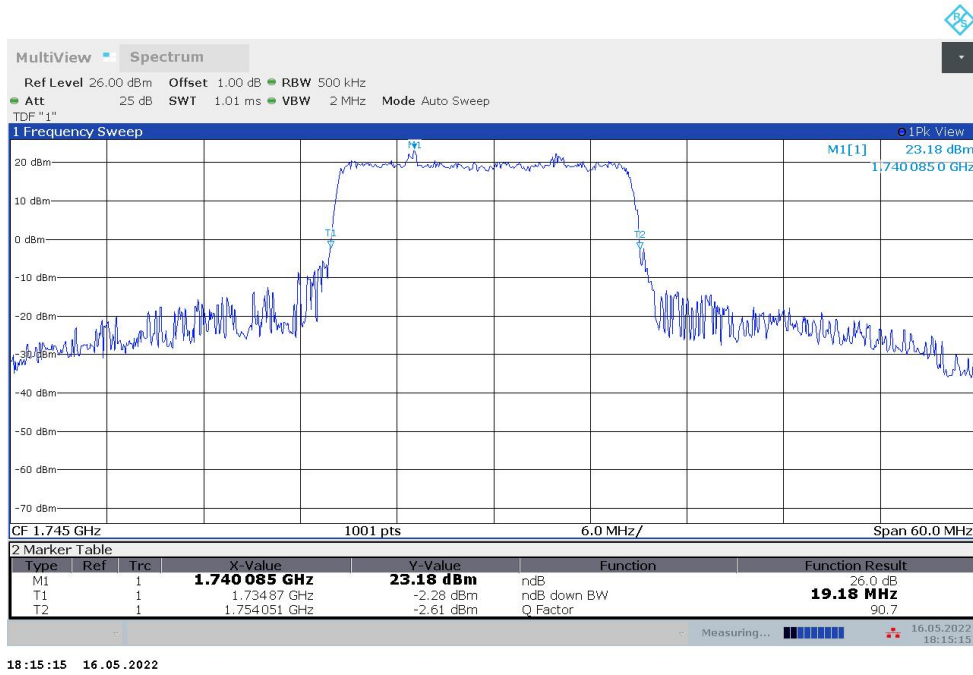
**n66,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**



**LTE Band 5+NR n66**  
**n66,20MHz(-26dBc)**

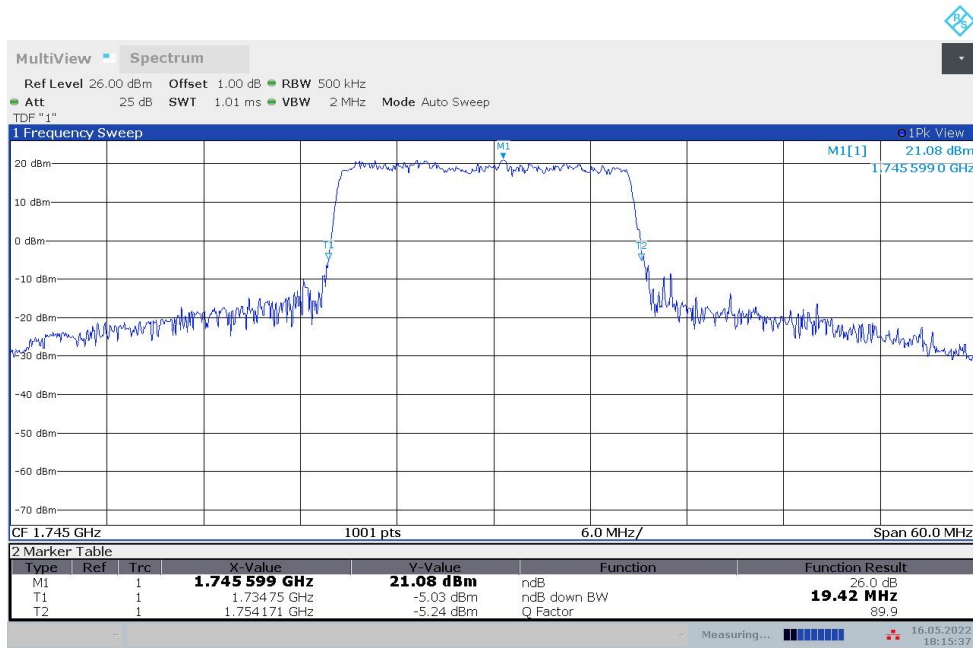
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1745	19.181	19.421

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



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

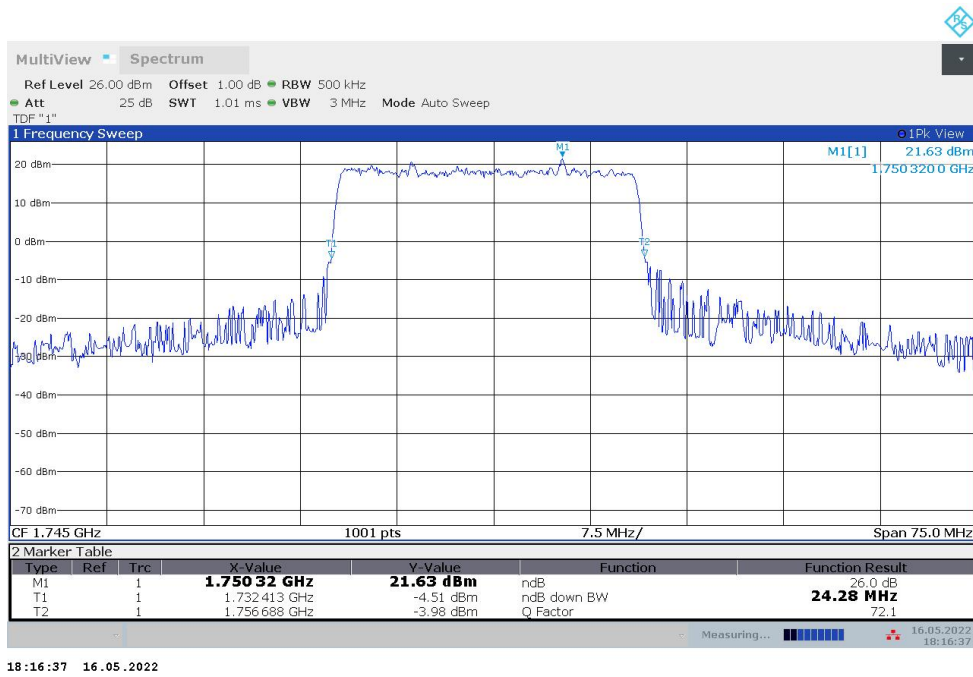


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**LTE Band 5+NR n66**  
**n66,25MHz(-26dBc)**

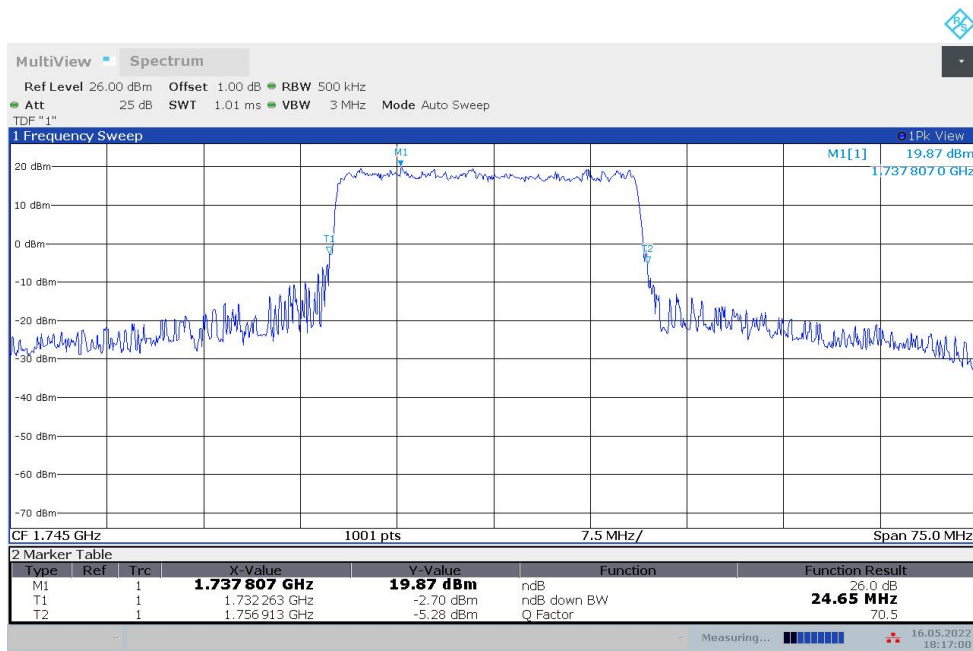
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1745	24.276	24.650

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



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



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