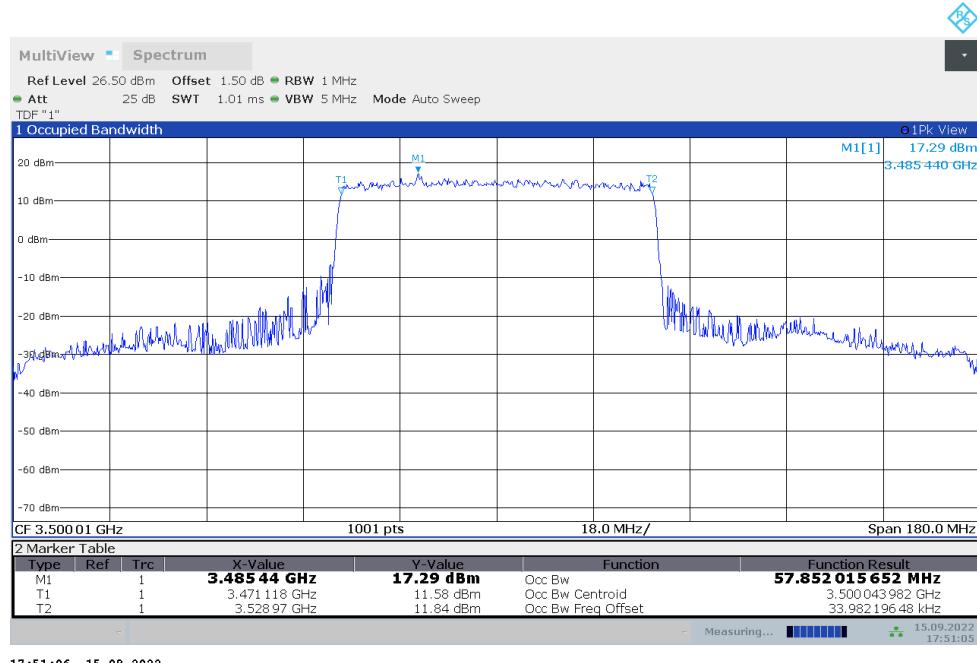
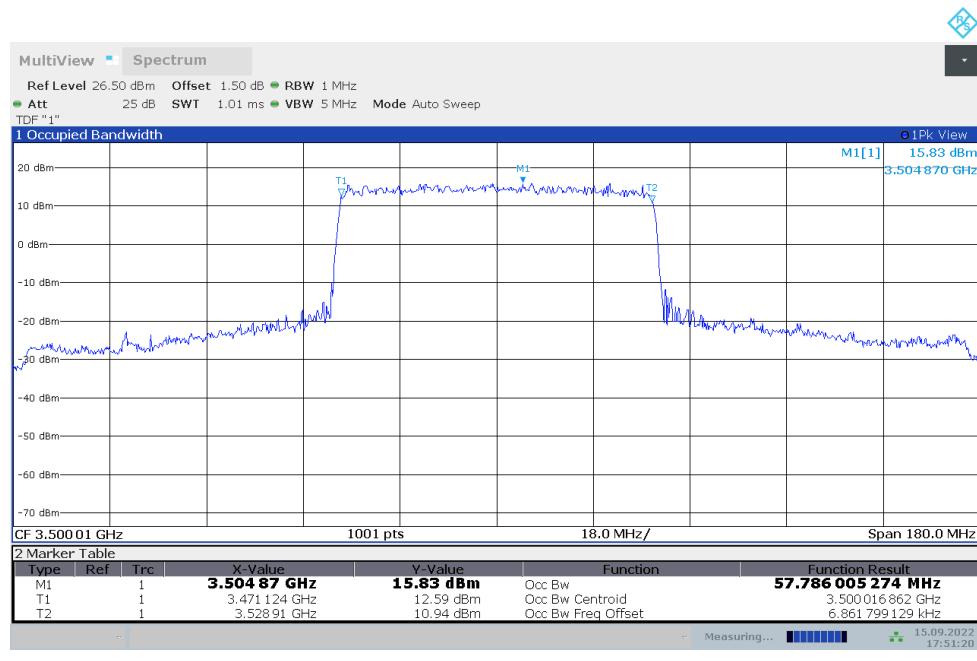


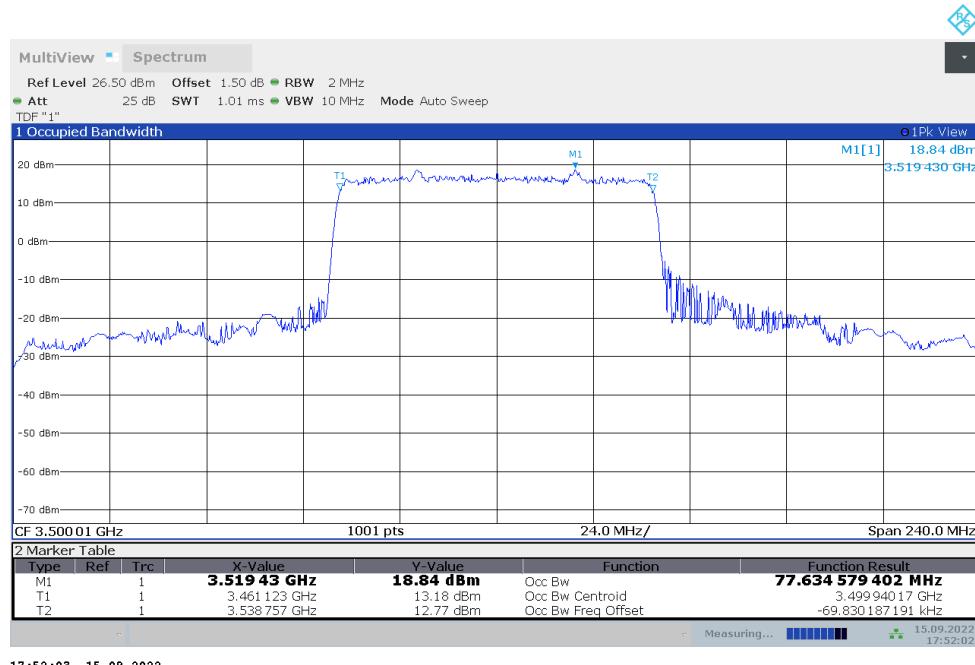
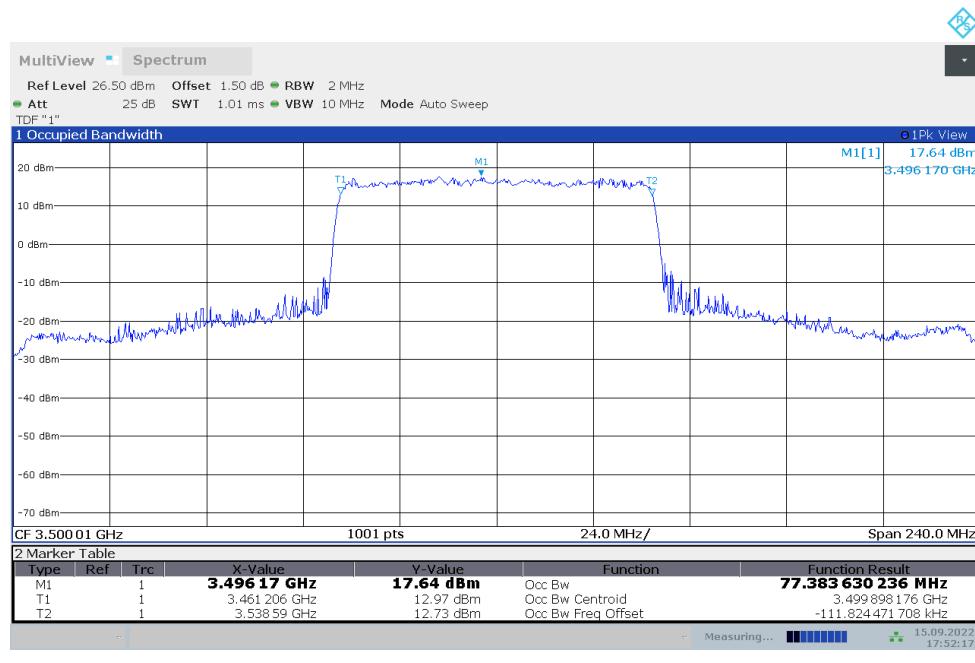
**n78L,60MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	57.852	57.786

**n78L,60MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n78L,60MHz Bandwidth,DFT-s-QPSK (99% BW)**


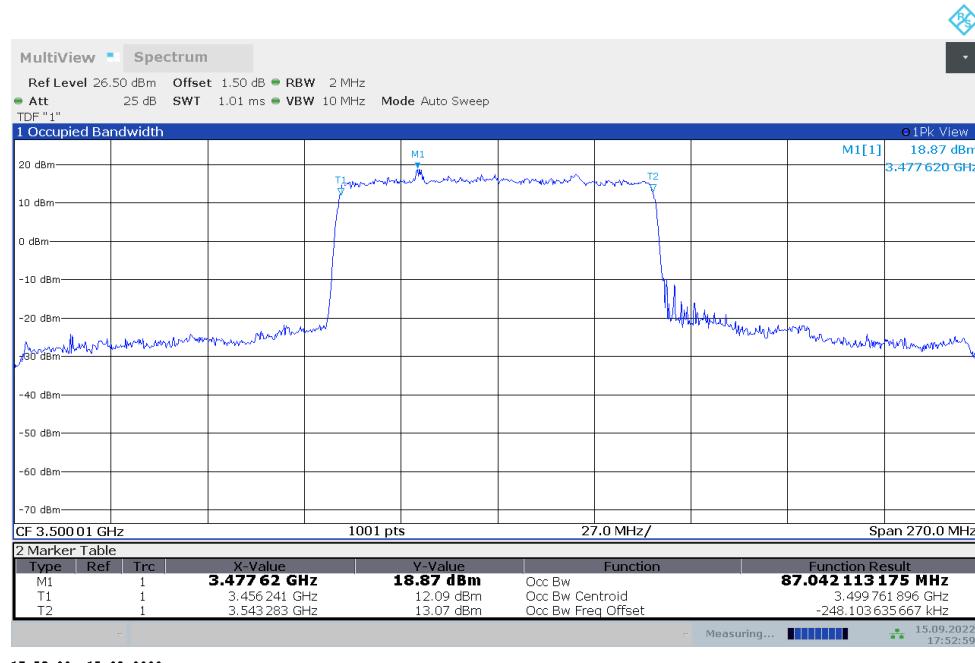
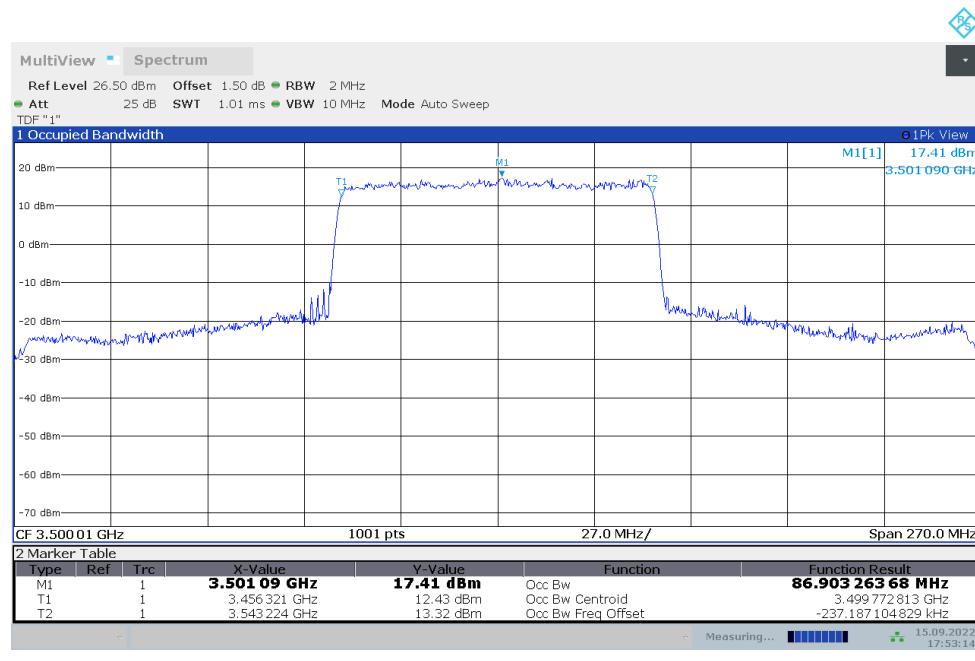
**n78L,80MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	77.635	77.384

**n78L,80MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n78L,80MHz Bandwidth,DFT-s-QPSK (99% BW)**


**n78L,90MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	87.042	86.903

**n78L,90MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n78L,90MHz Bandwidth,DFT-s-QPSK (99% BW)**


Note: The maximum value of expanded measurement uncertainty for this test item is  $U = 0.626 \text{ kHz}$ ,  $k = 2$ .

## **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.

n5

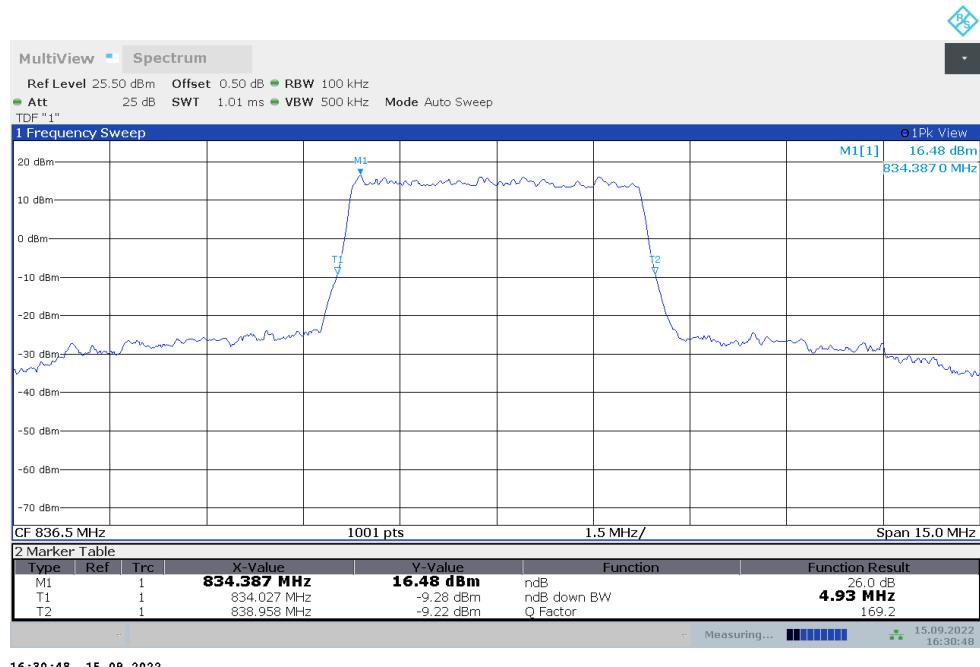
**n5,5MHz(-26dBc)**

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

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

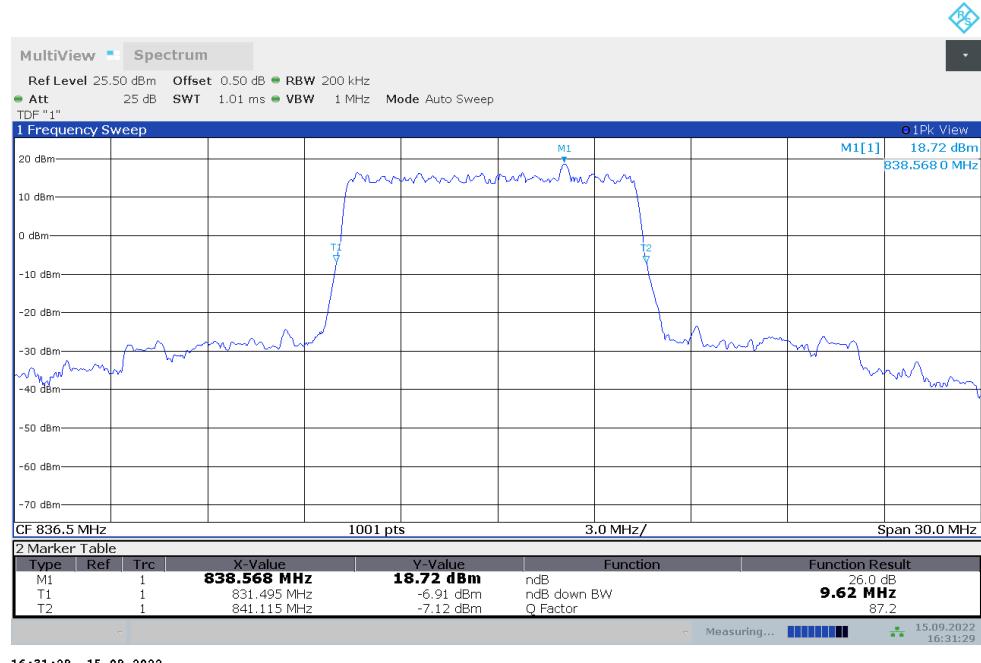
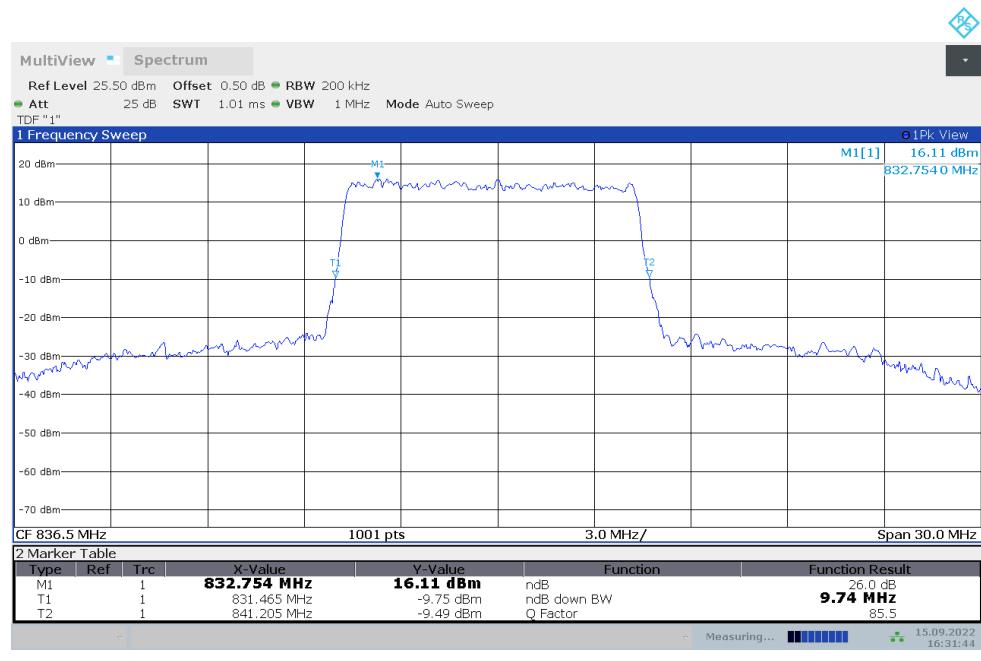


**n5,5MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**



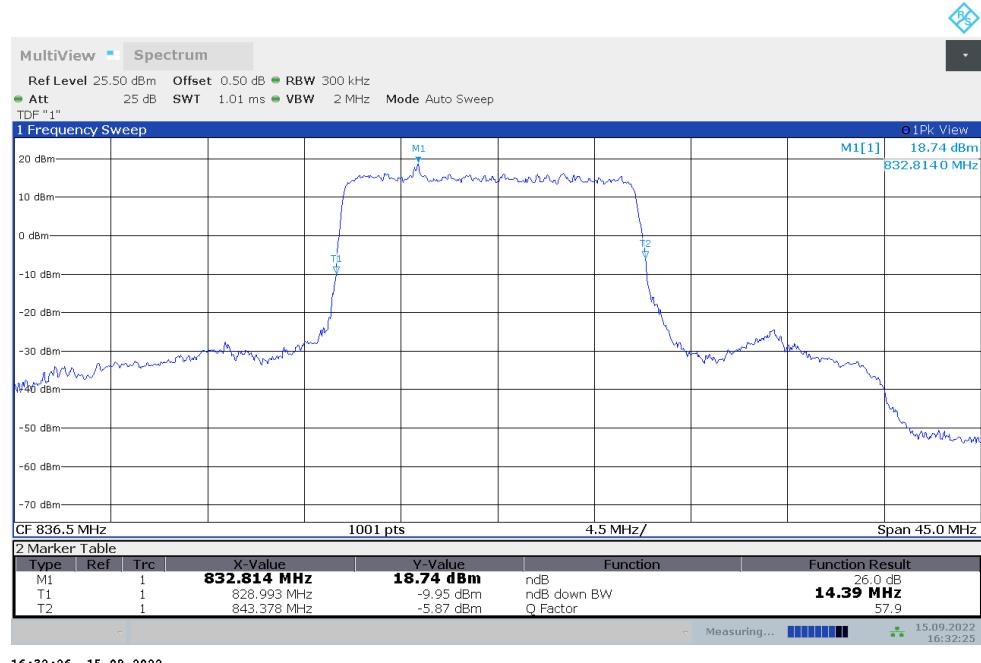
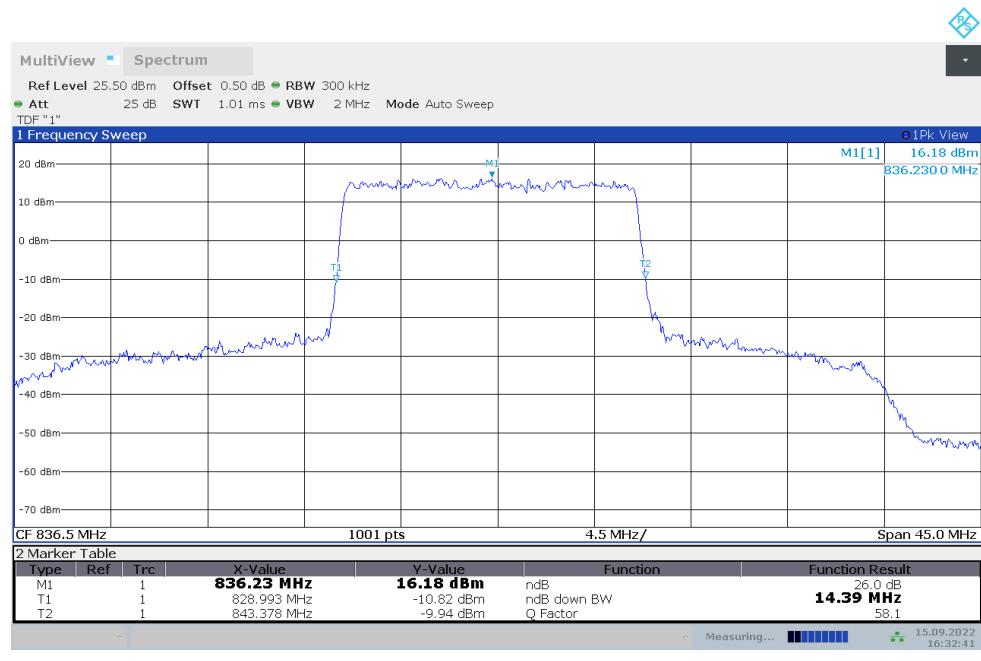
**n5,10MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
836.5	9.620	9.740

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

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


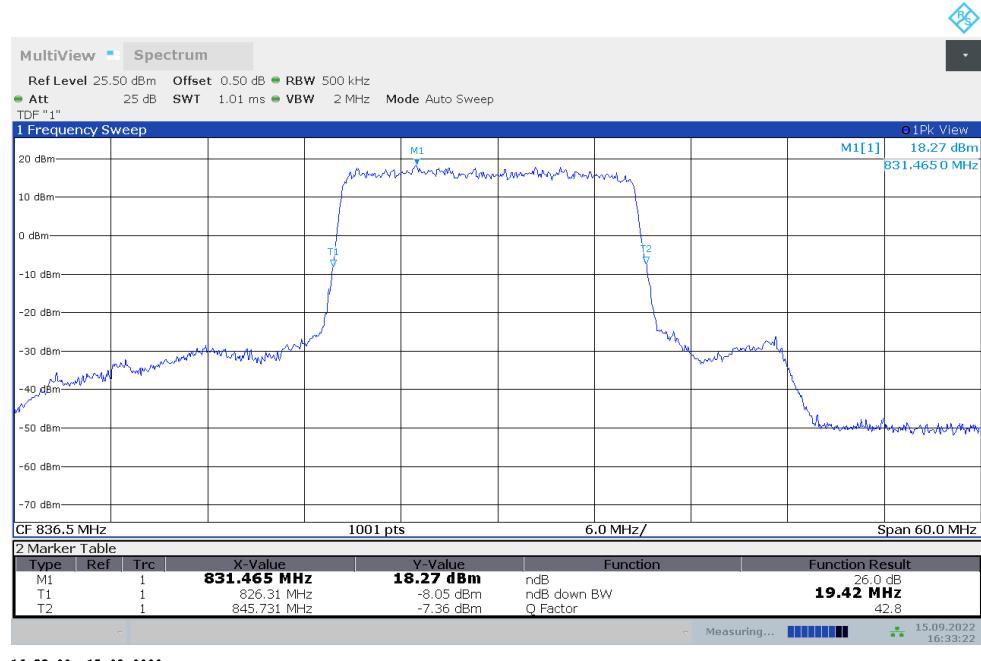
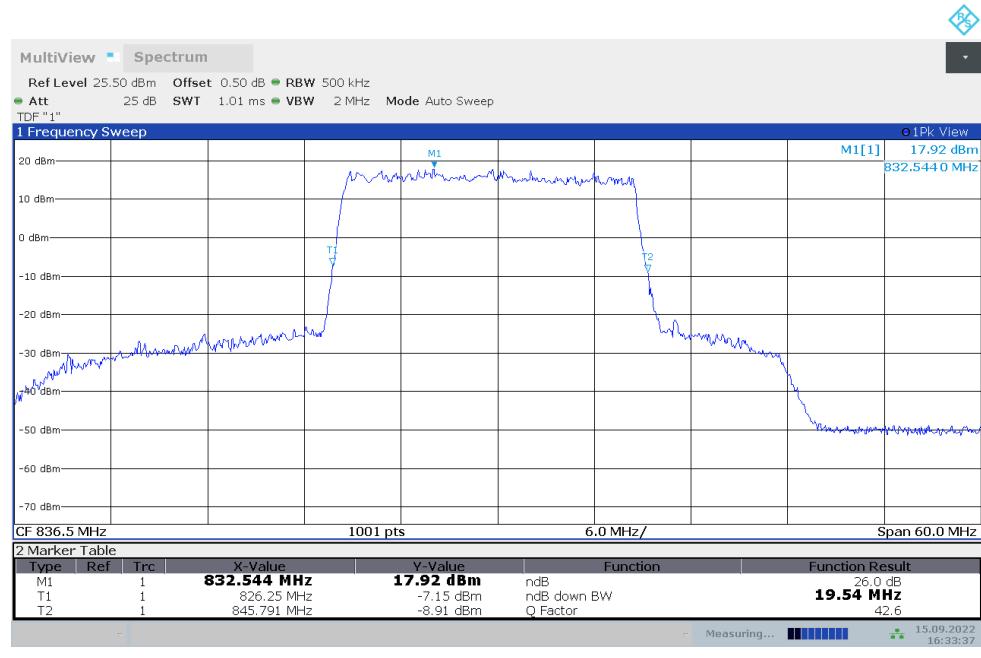
**n5,15MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
836.5	14.386	14.386

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

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


**n5,20MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
836.5	19.421	19.540

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

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


n7

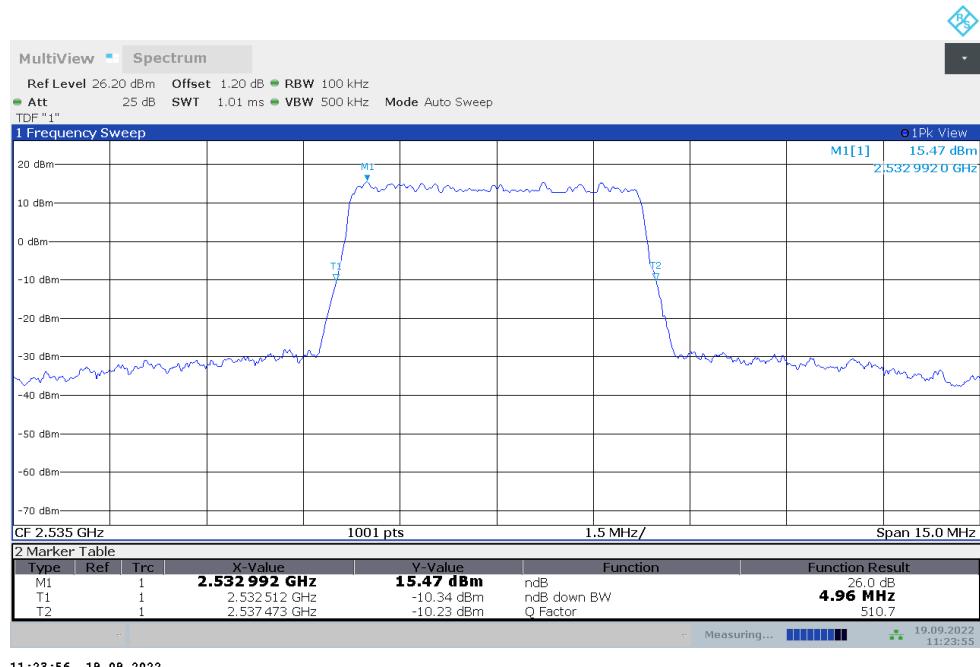
**n7,5MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2535	4.975	4.960

**n7,5MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

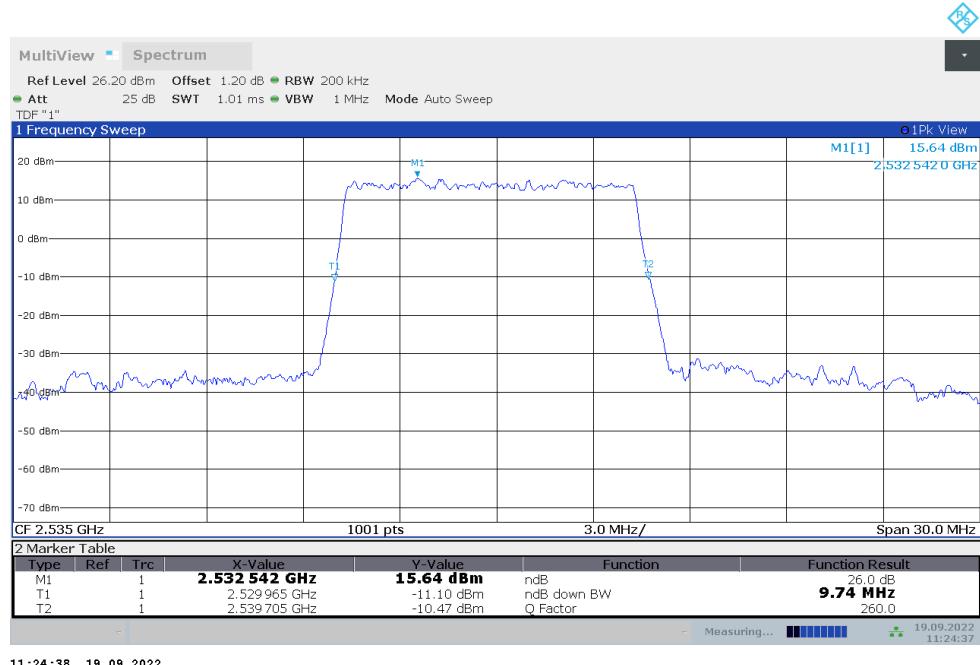
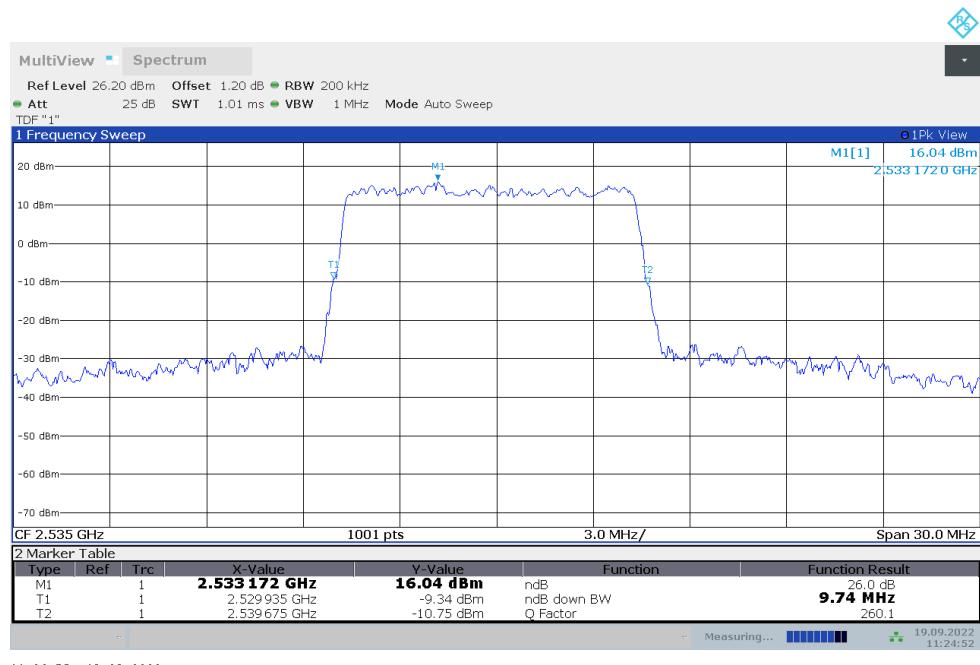


**n7,5MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**



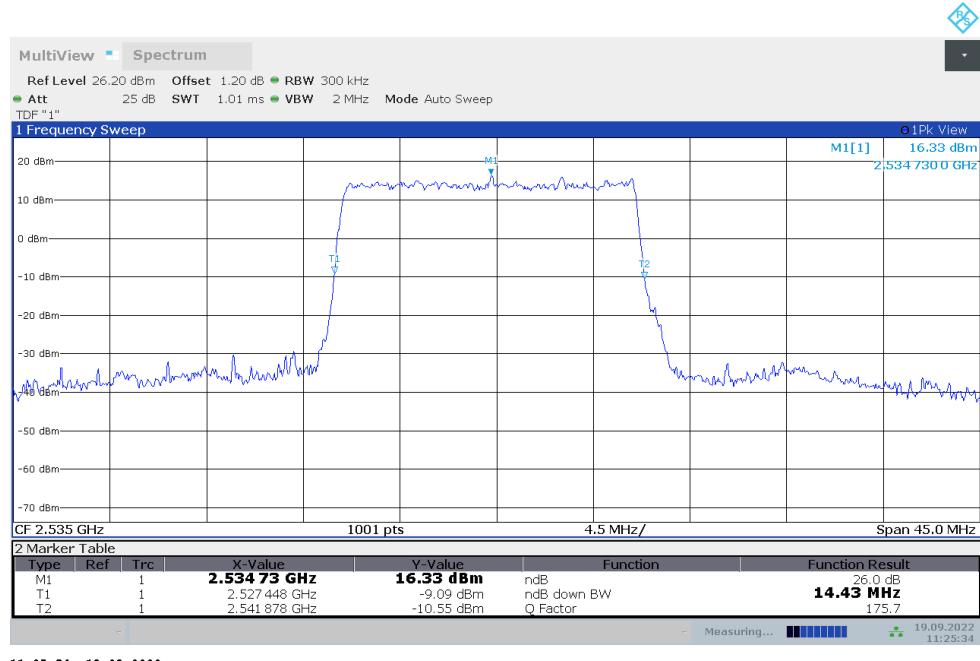
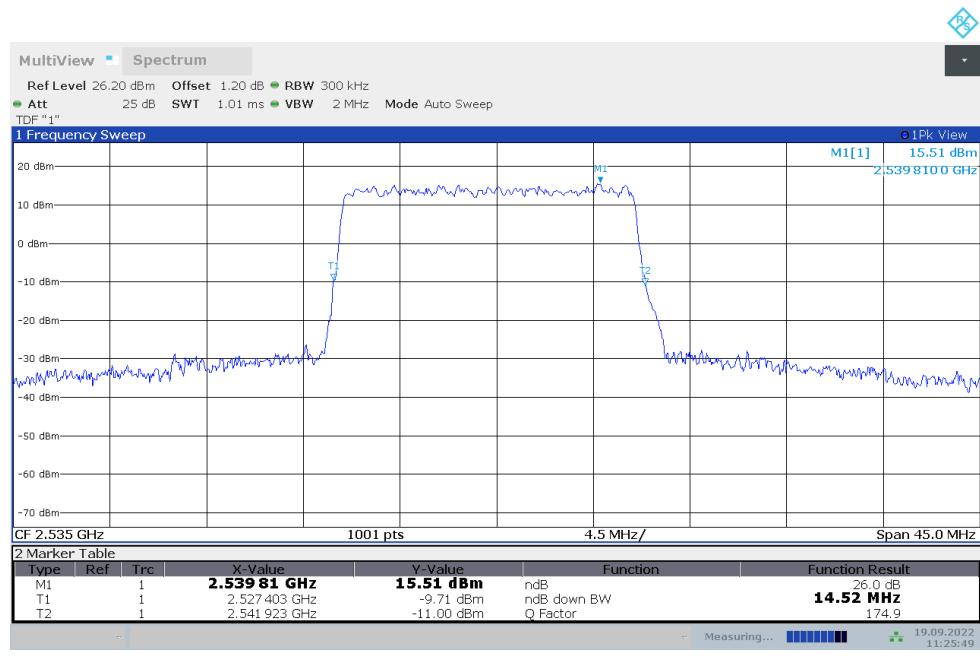
**n7,10MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2535	9.740	9.740

**n7,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n7,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


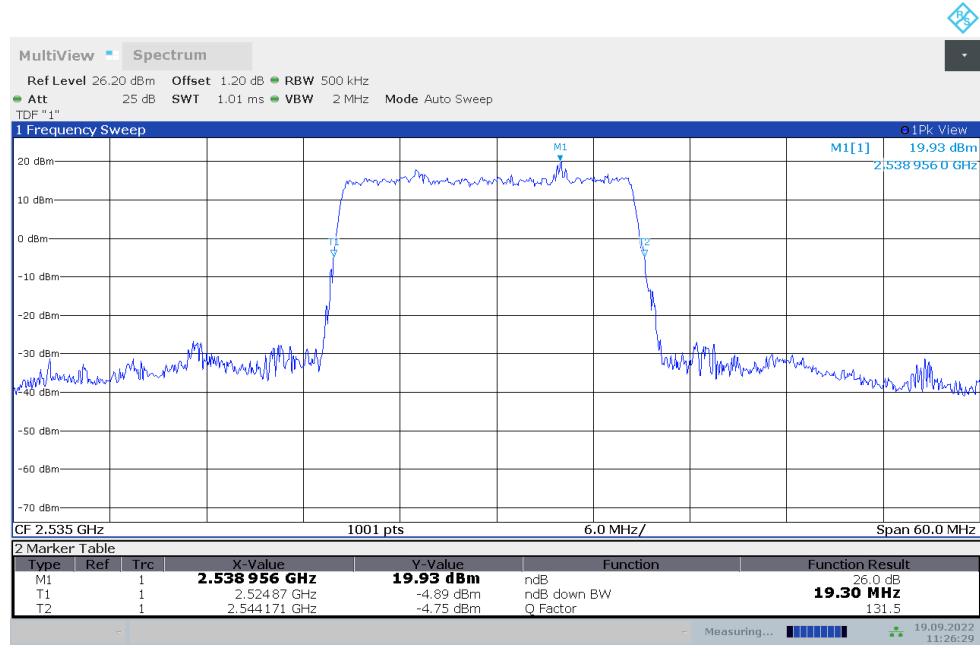
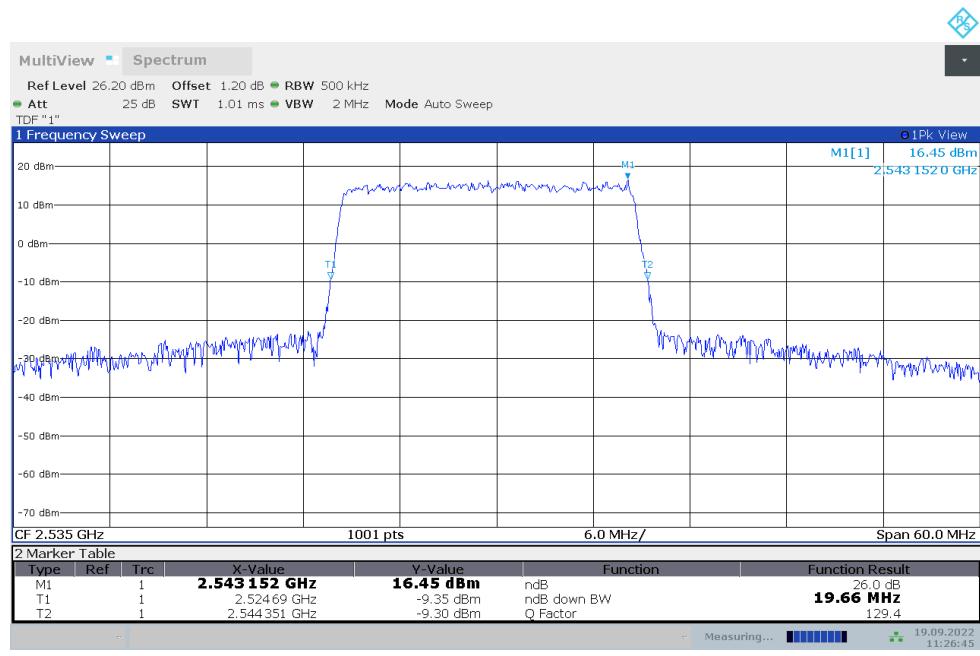
**n7,15MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2535	14.431	14.520

**n7,15MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n7,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


**n7,20MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2535	19.301	19.660

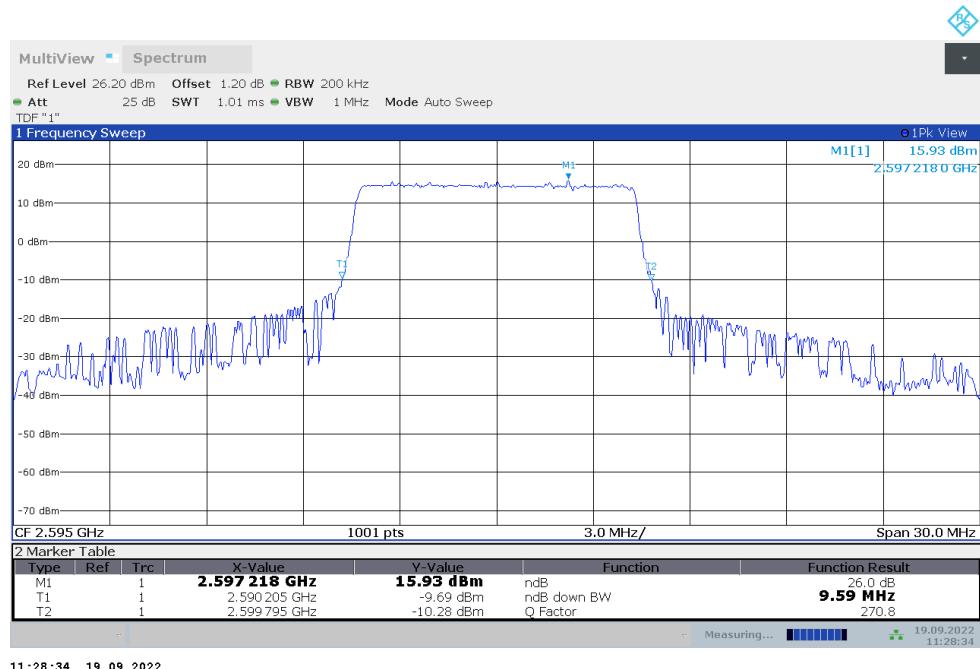
**n7,20MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n7,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


n38

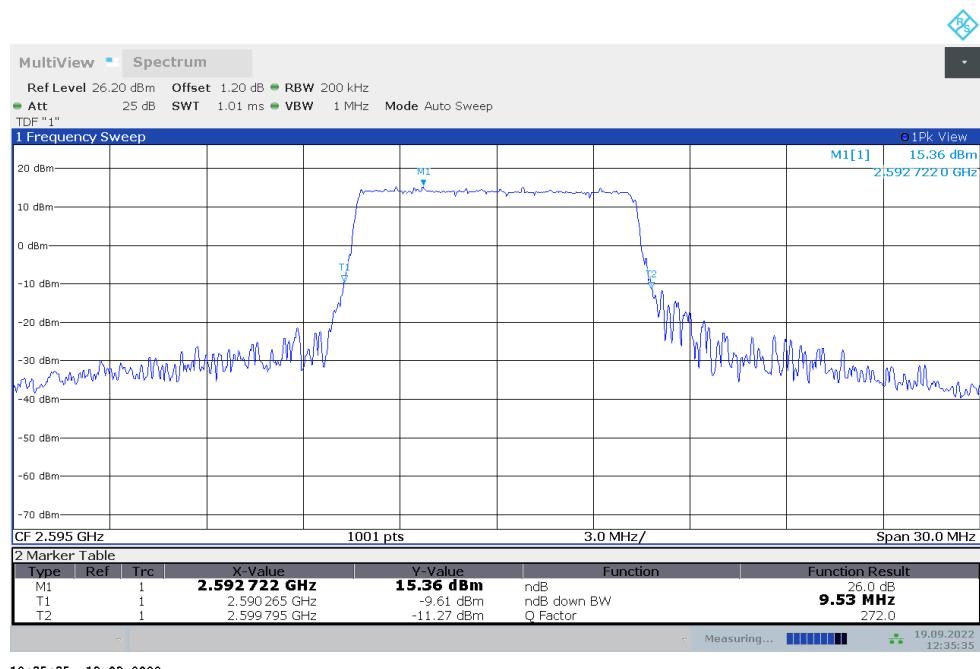
n38,10MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2595	9.590	9.530

n38,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)

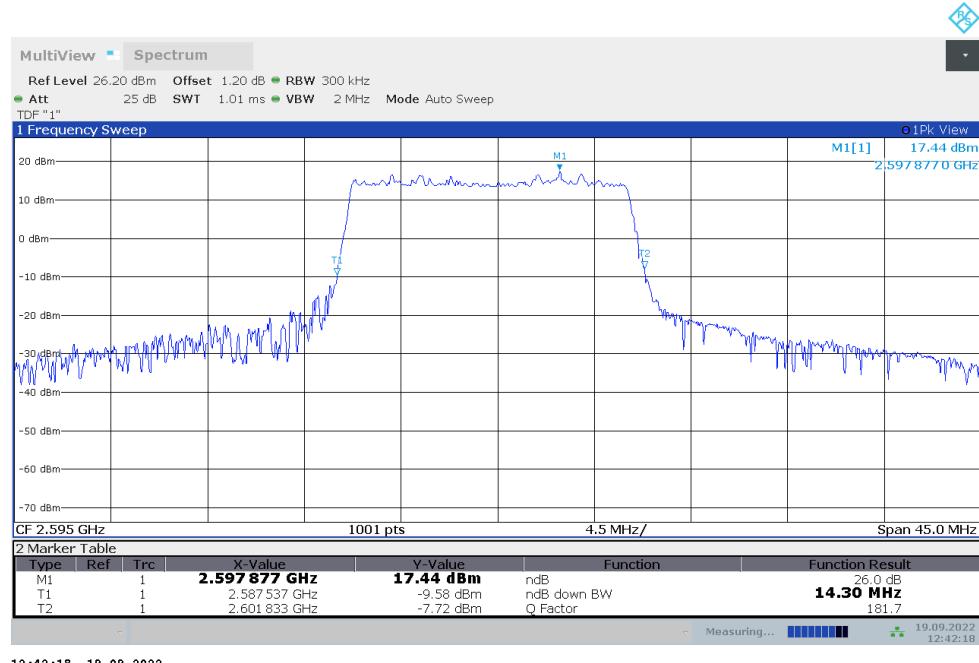
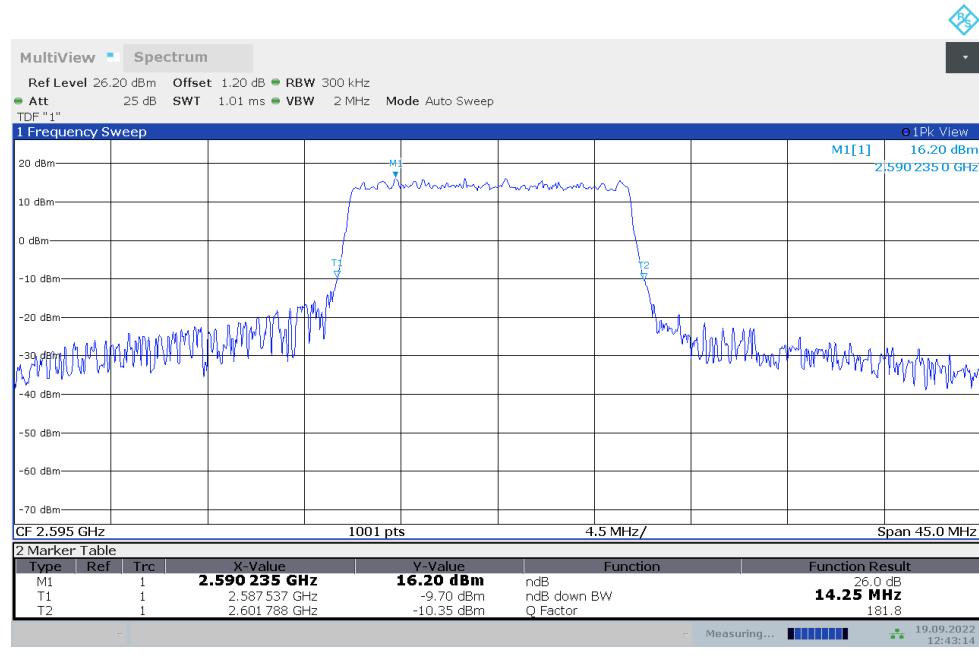


n38,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



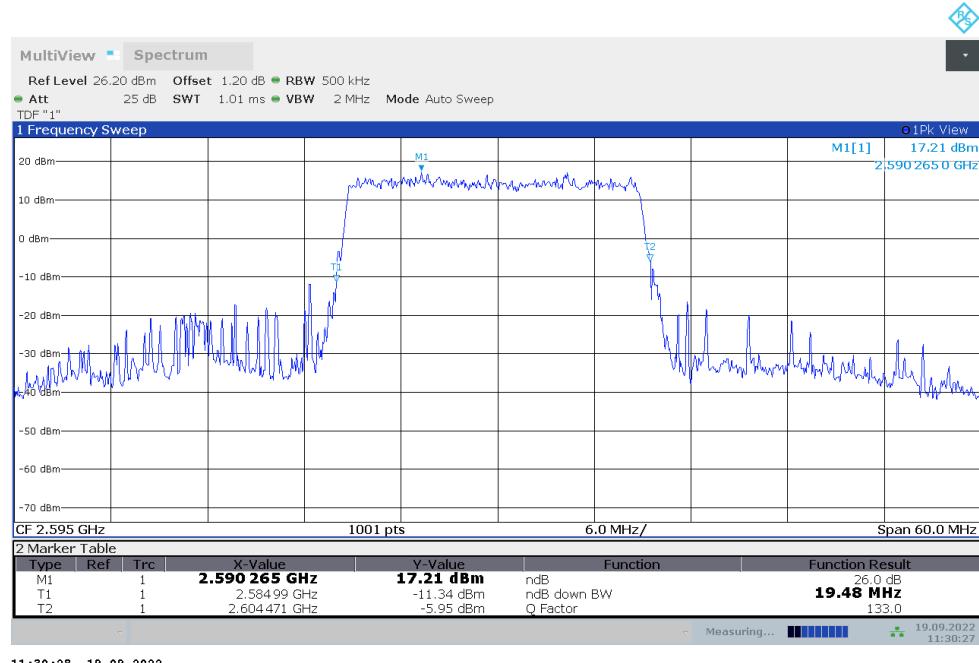
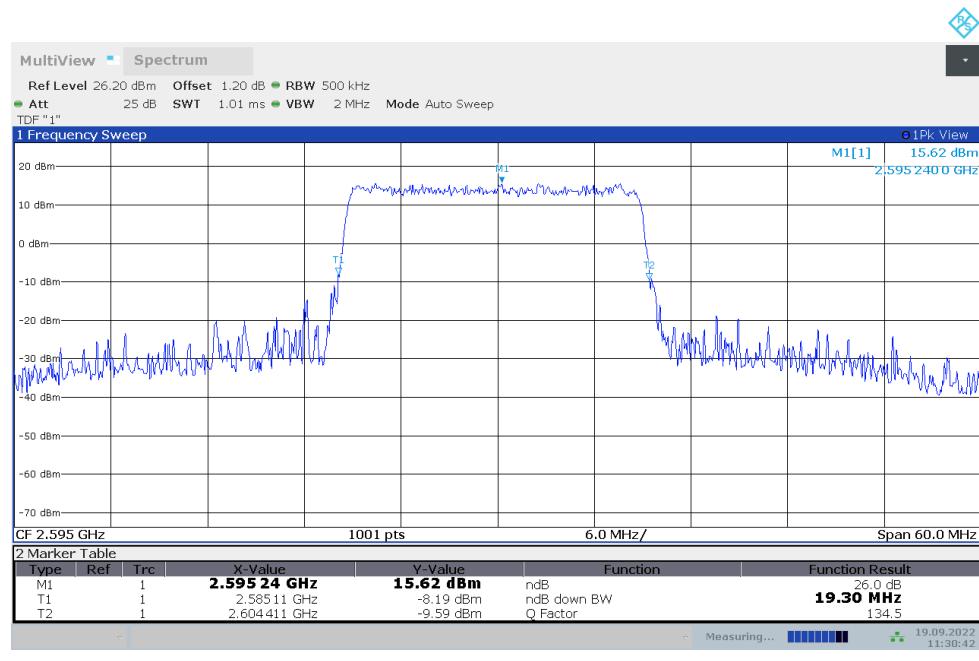
**n38,15MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2595	14.296	14.251

**n38,15MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n38,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


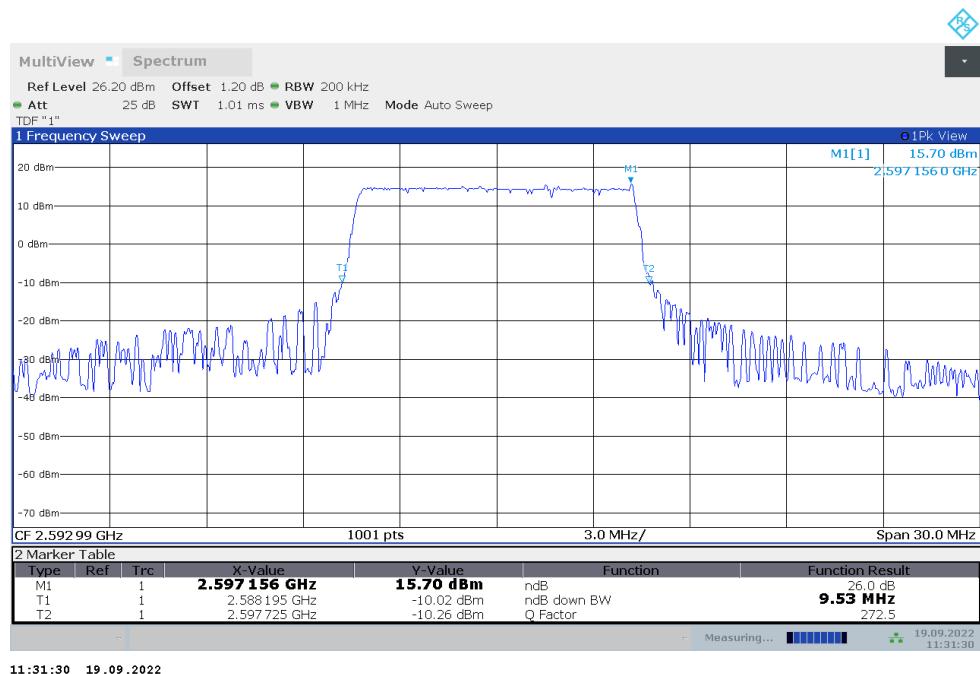
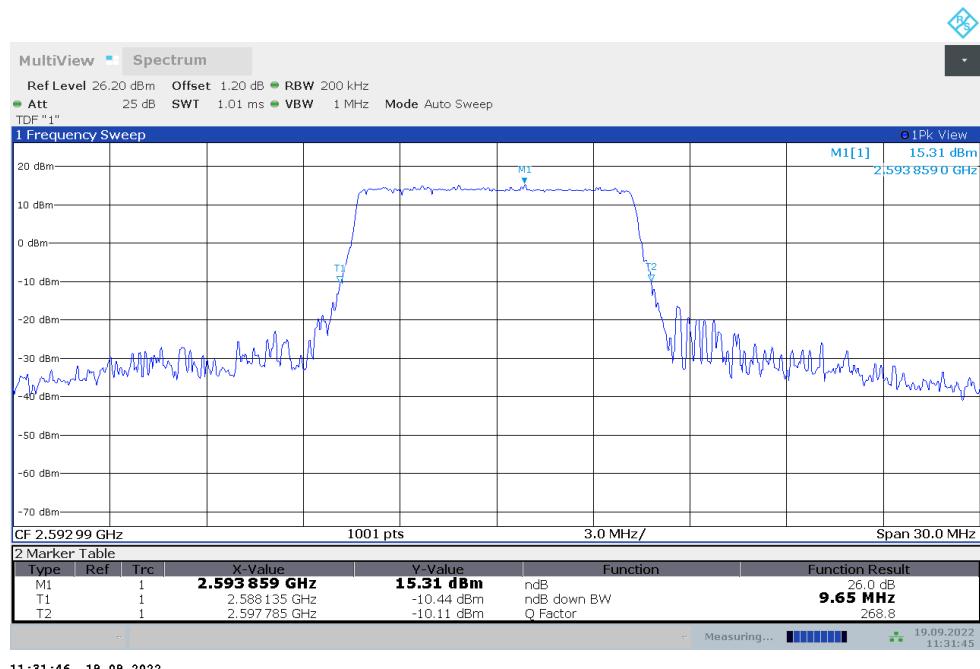
**n38,20MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2595	19.481	19.301

**n38,20MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n38,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


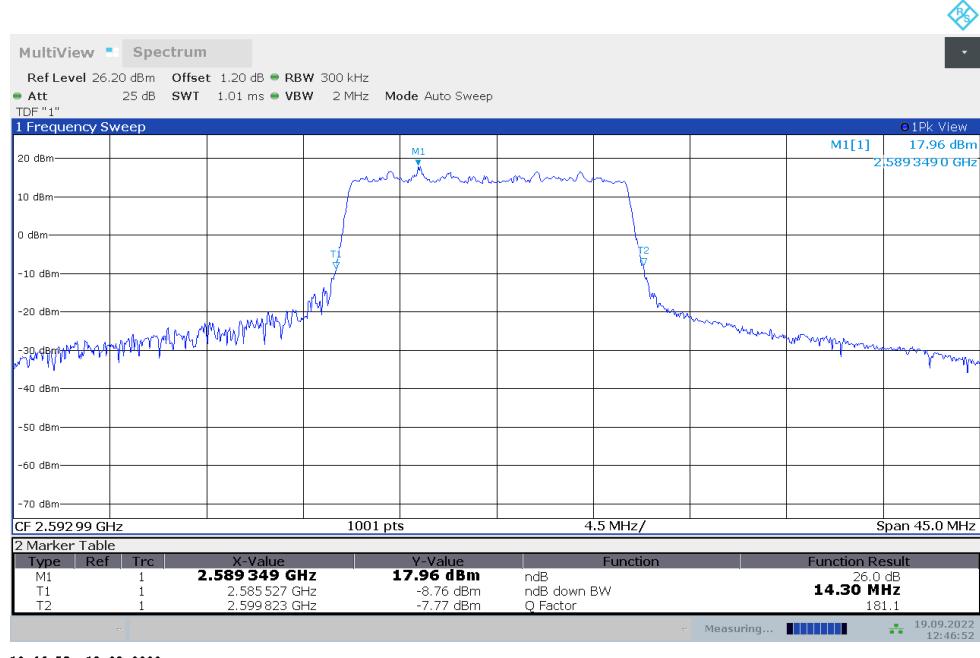
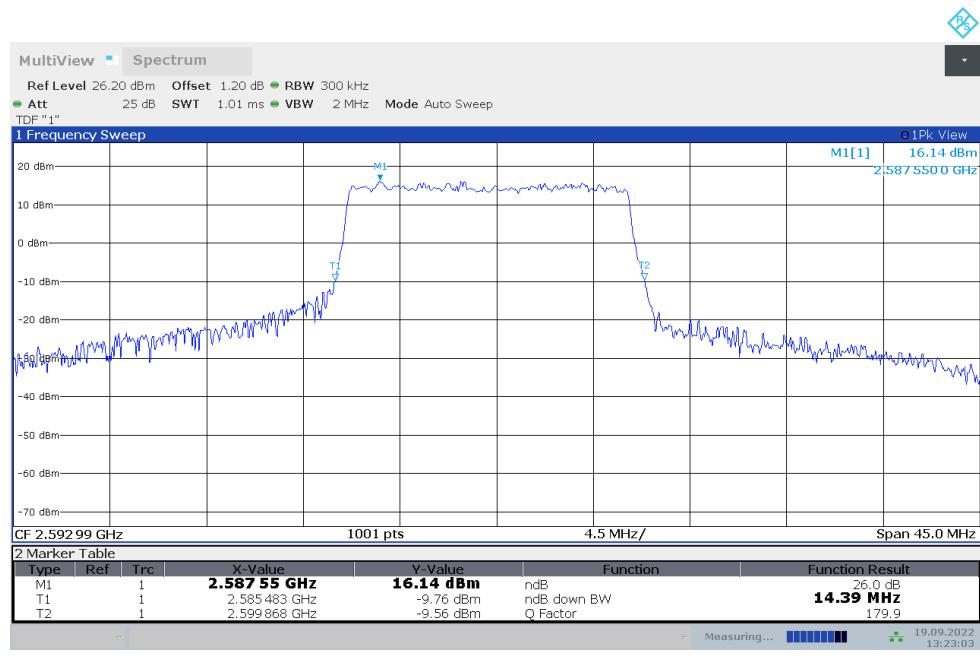
**n41**
**n41,10MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2592.99	9.530	9.650

**n41,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n41,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


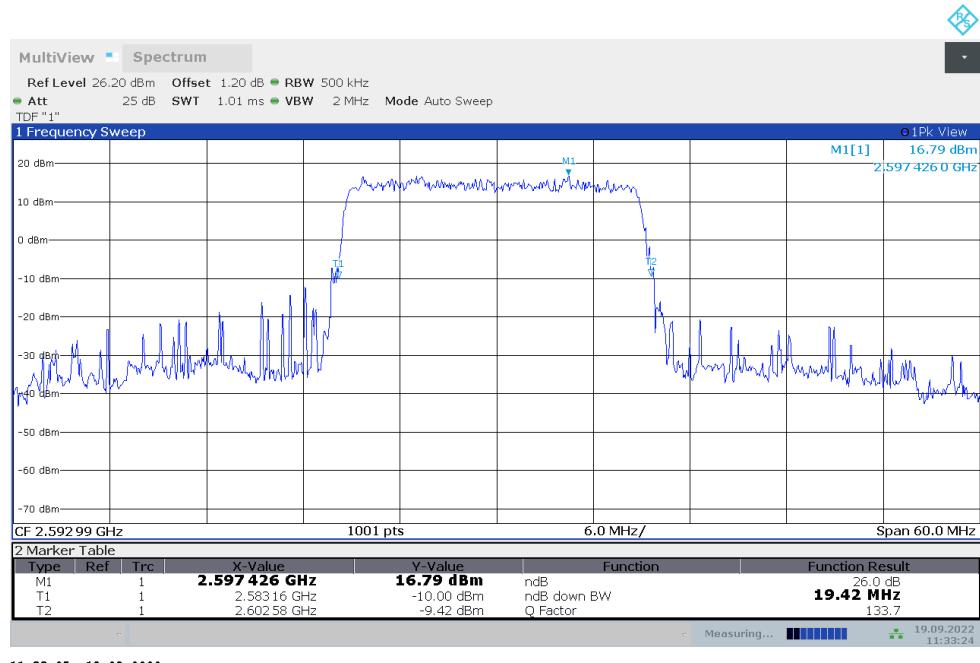
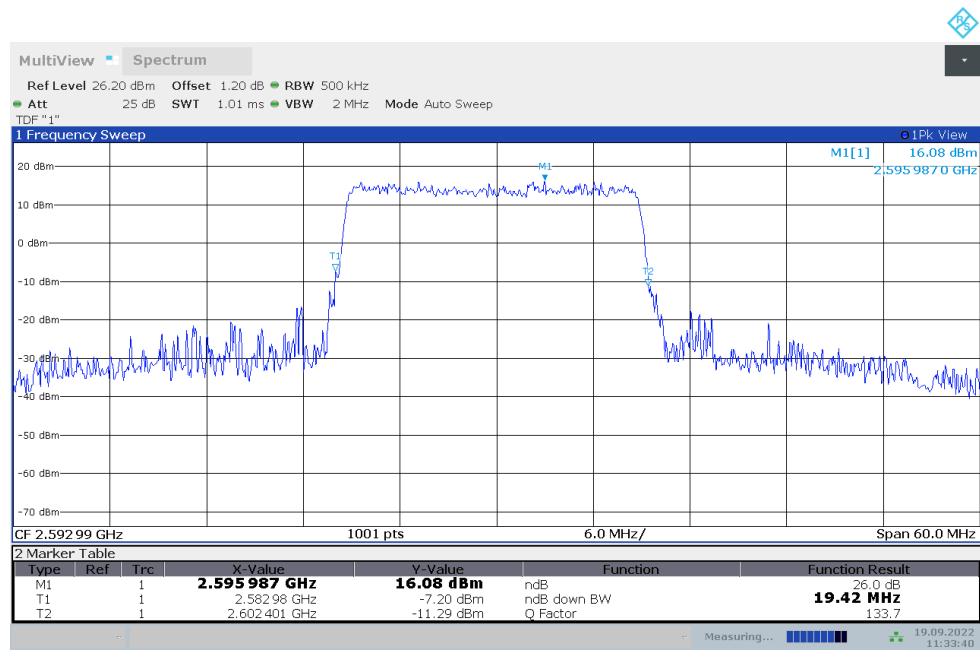
**n41,15MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2592.99	14.296	14.386

**n41,15MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n41,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


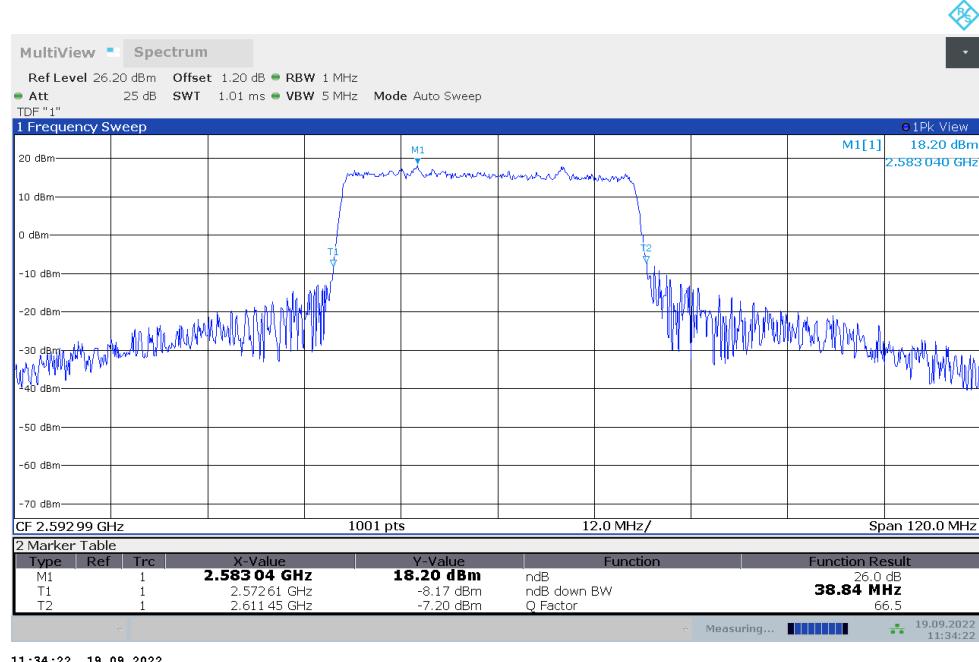
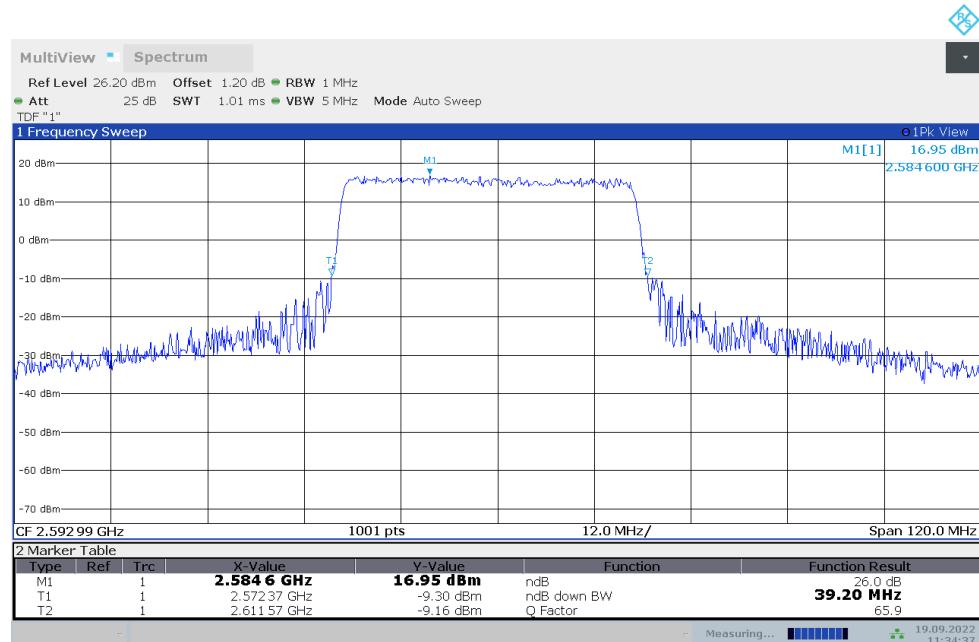
**n41,20MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2592.99	19.421	19.421

**n41,20MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n41,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


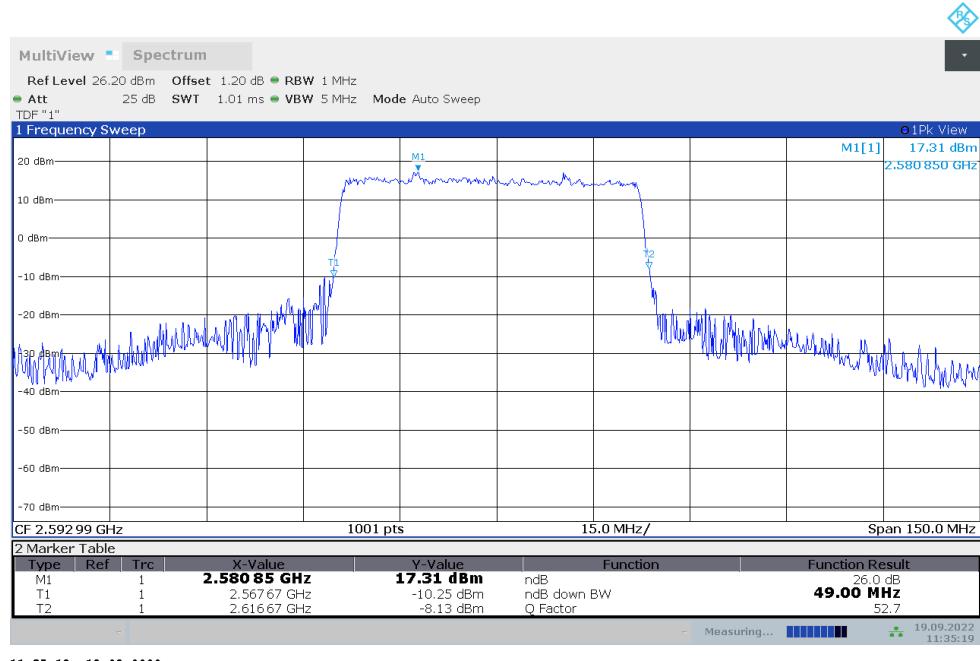
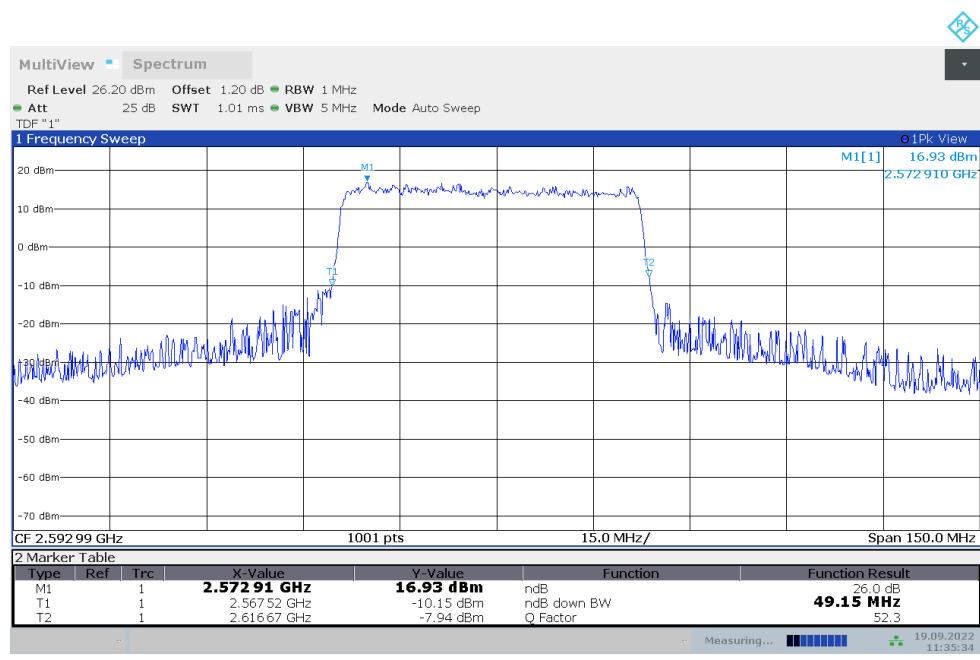
**n41,40MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2592.99	38.840	39.200

**n41,40MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n41,40MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


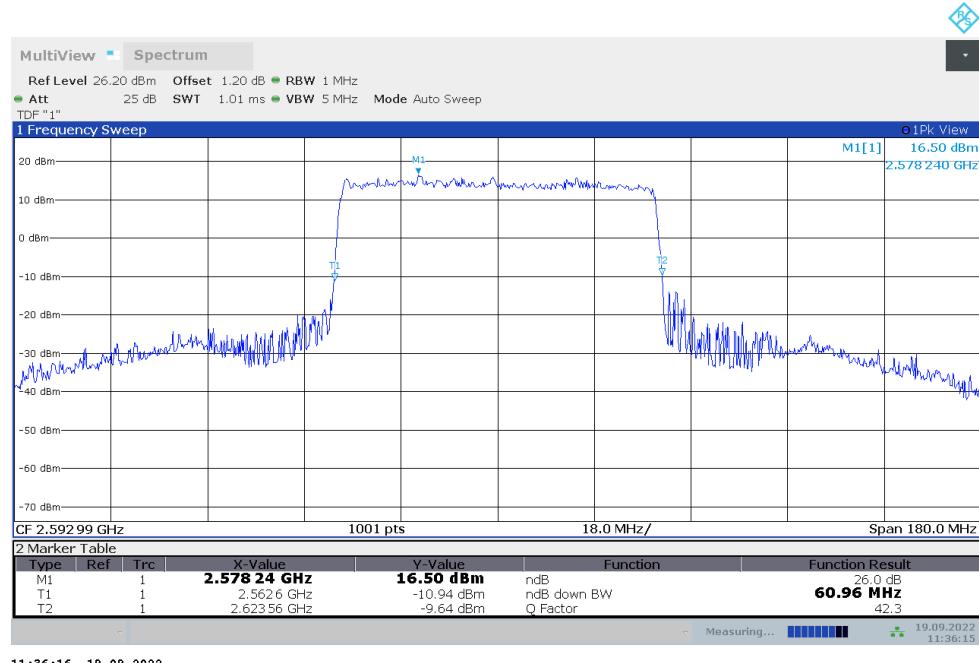
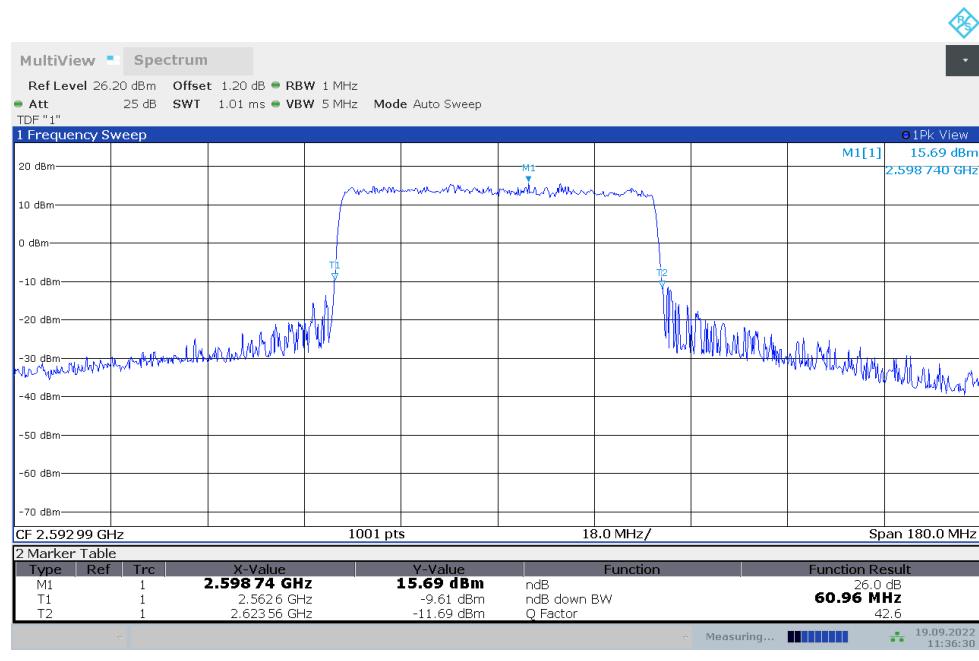
**n41,50MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2592.99	49.000	49.150

**n41,50MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n41,50MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


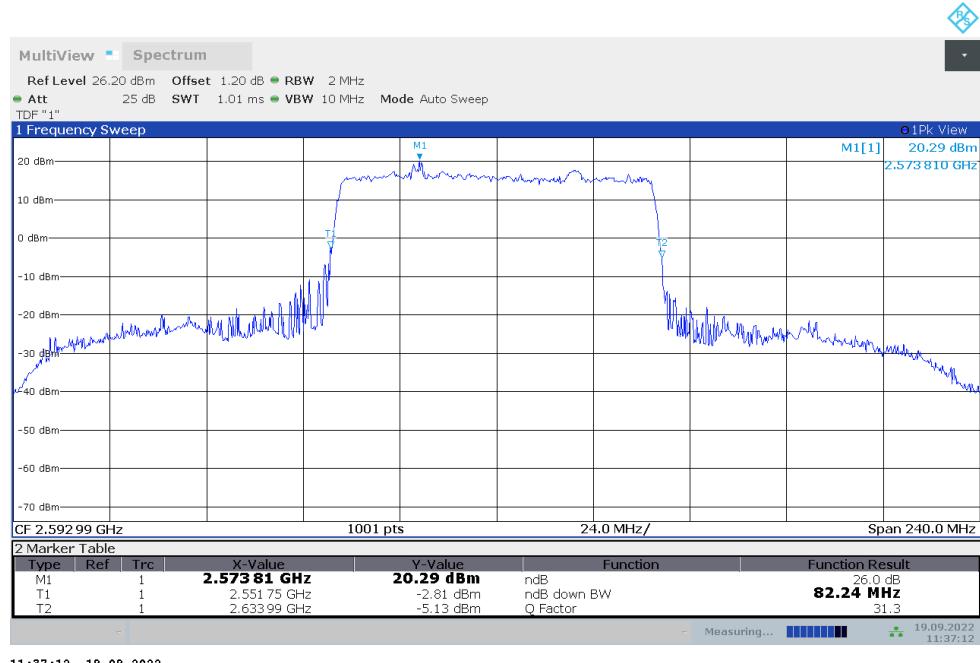
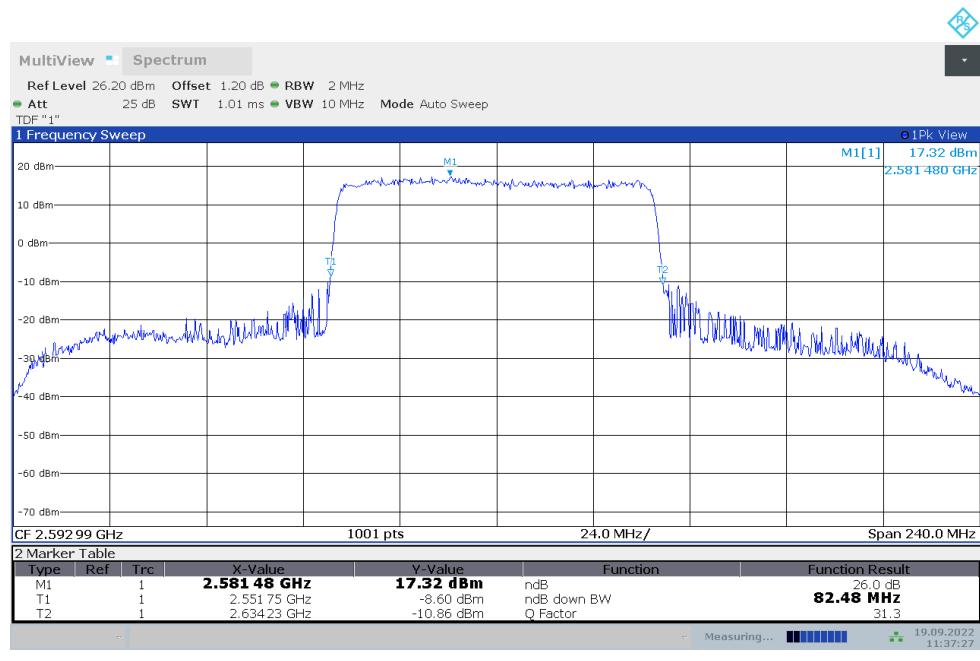
**n41,60MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2592.99	60.960	60.960

**n41,60MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n41,60MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


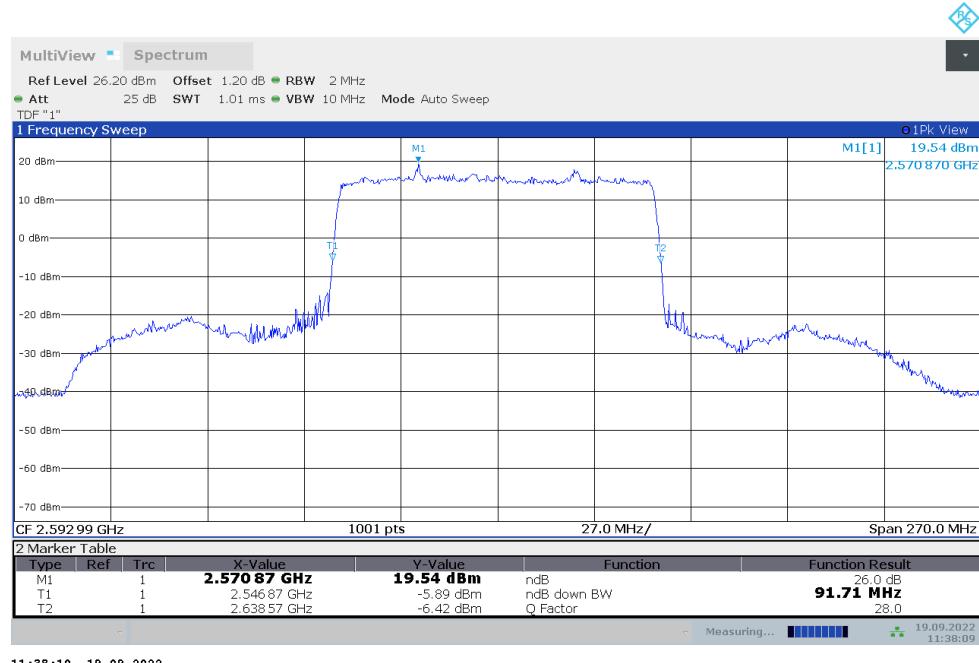
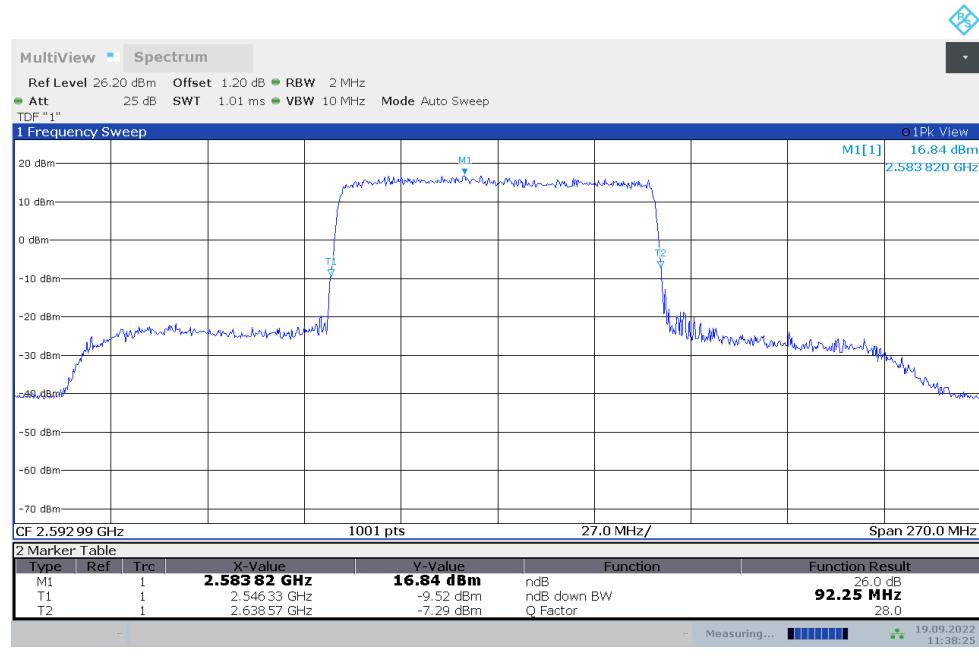
**n41,80MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2592.99	82.240	82.480

**n41,80MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n41,80MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


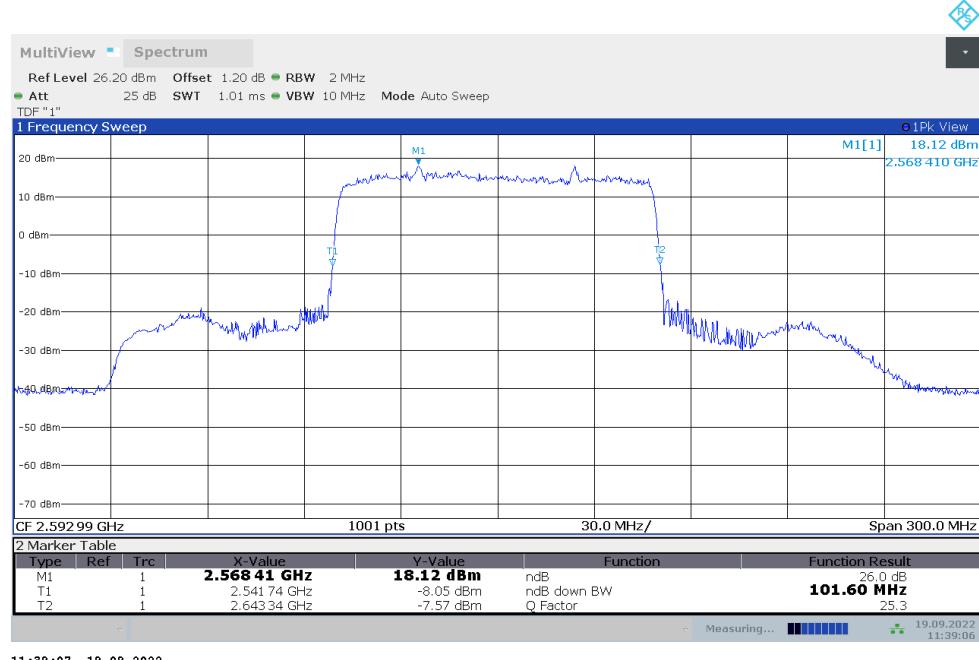
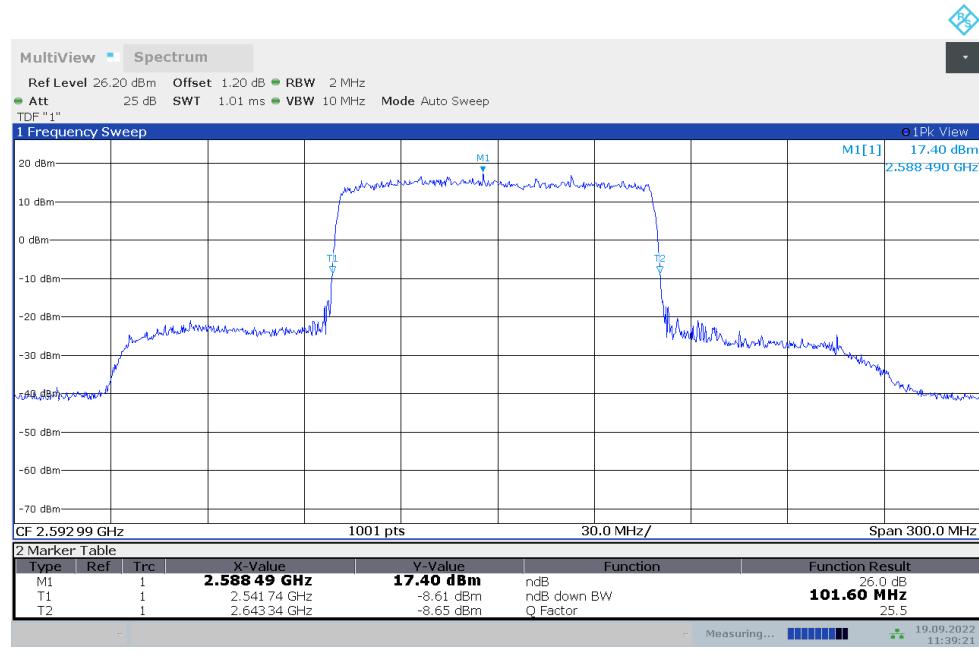
**n41,90MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2592.99	91.710	92.250

**n41,90MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n41,90MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


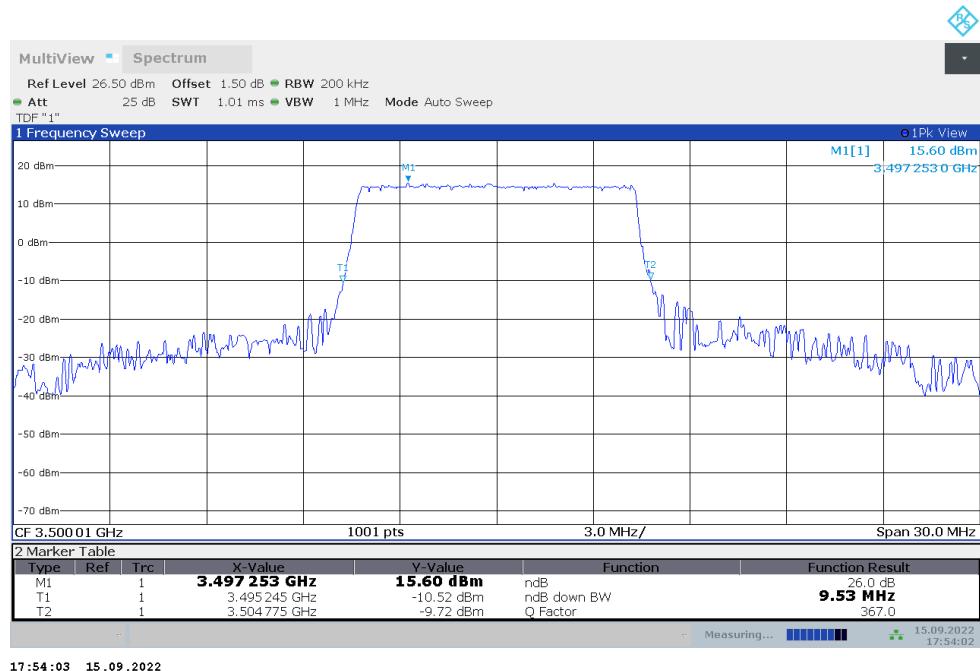
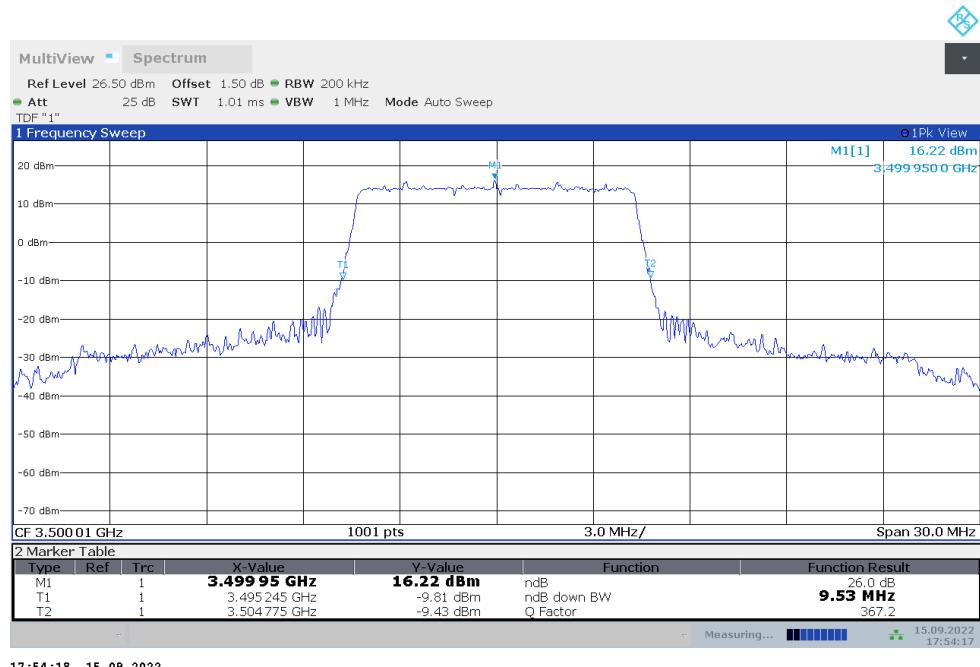
**n41,100MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2592.99	101.600	101.600

**n41,100MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n41,100MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


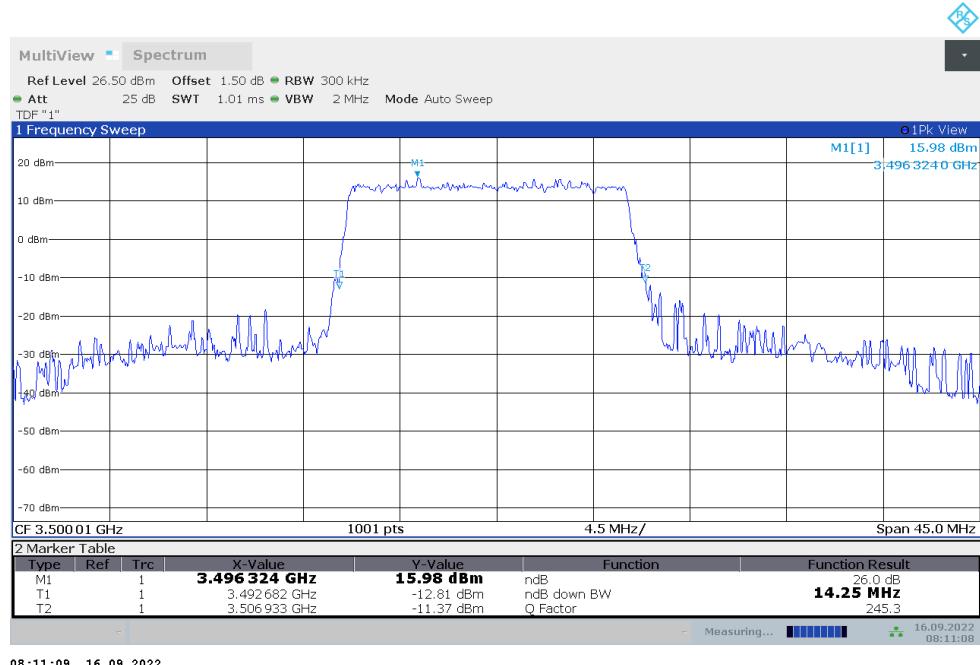
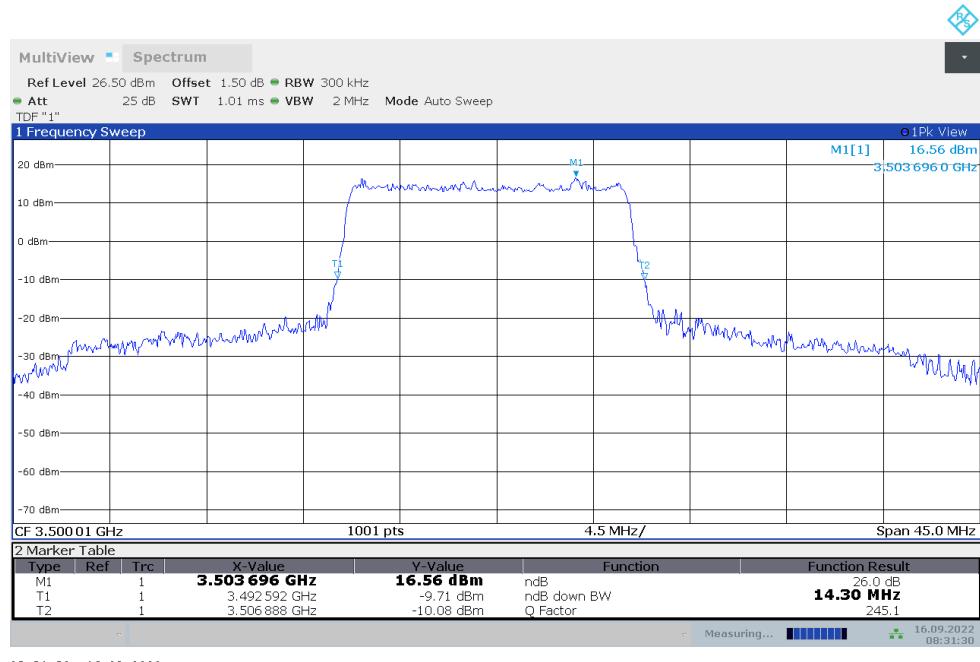
**n77L**
**n77L,10MHz(-26dBc)**

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

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

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


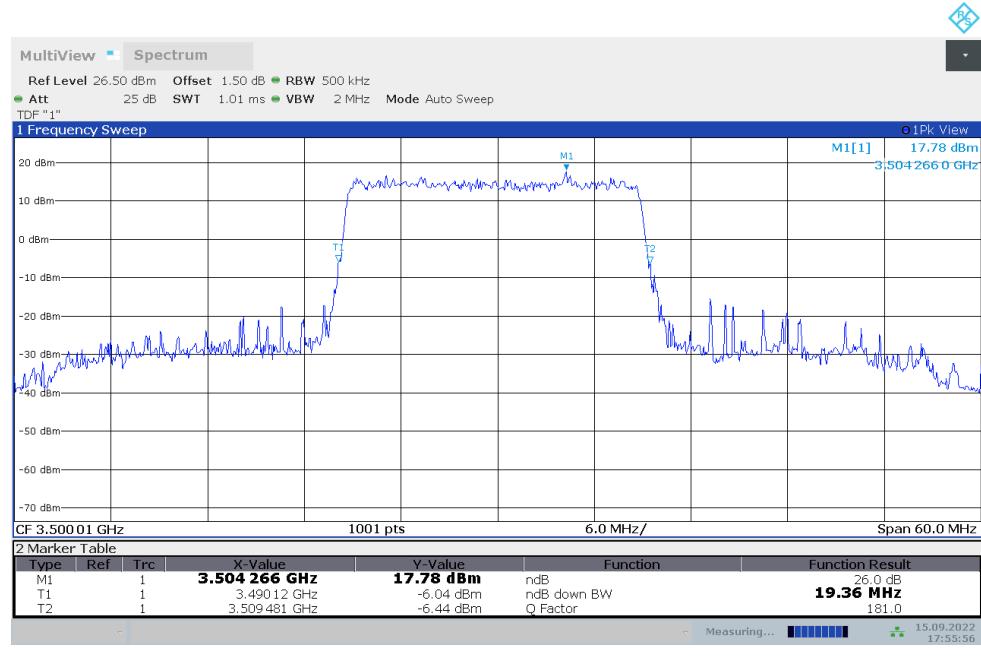
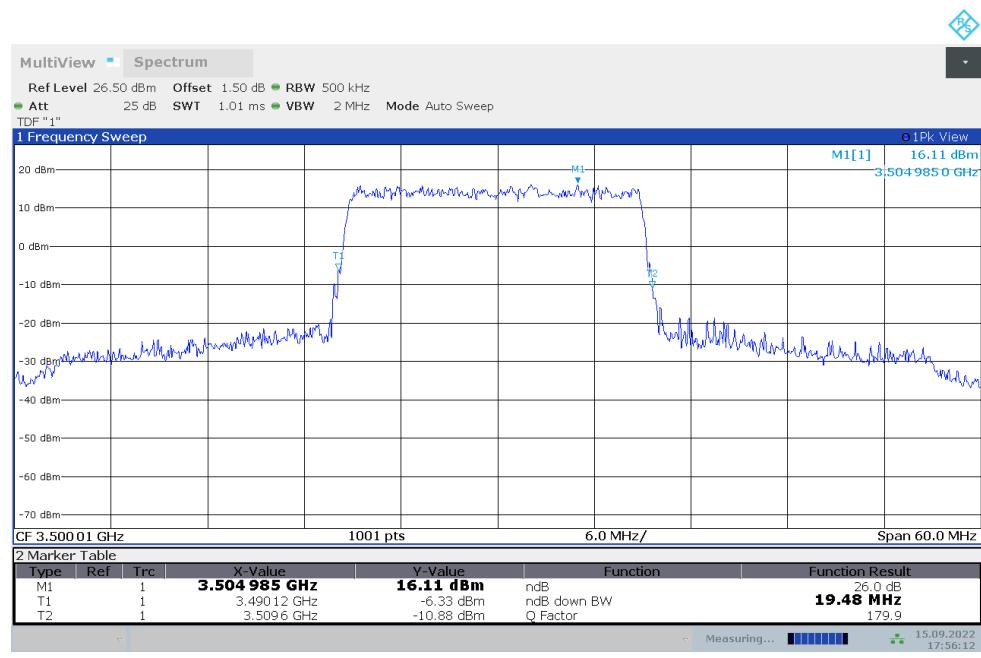
**n77L,15MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	14.251	14.296

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

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


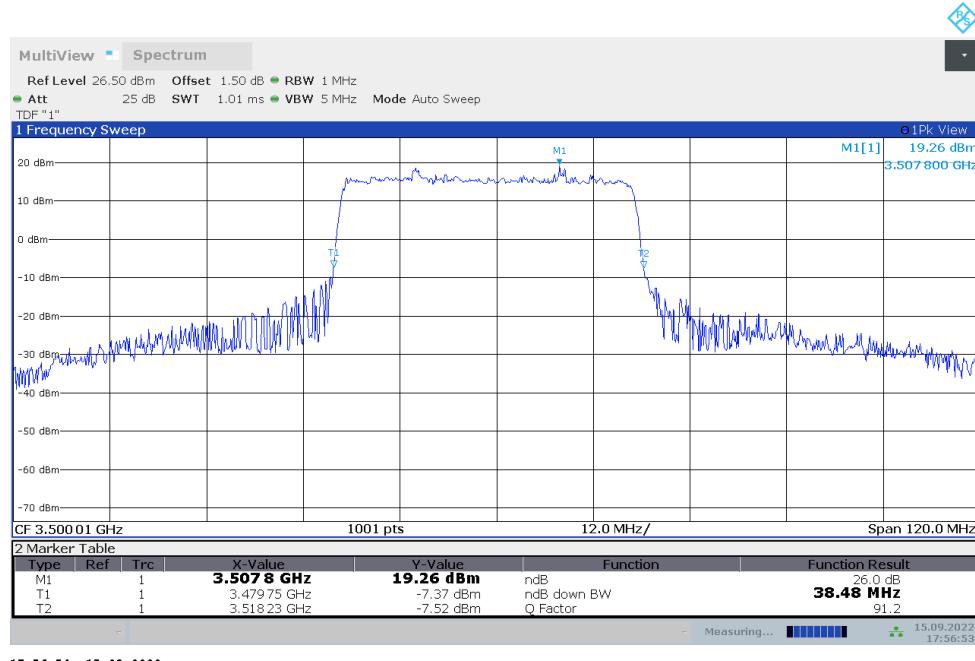
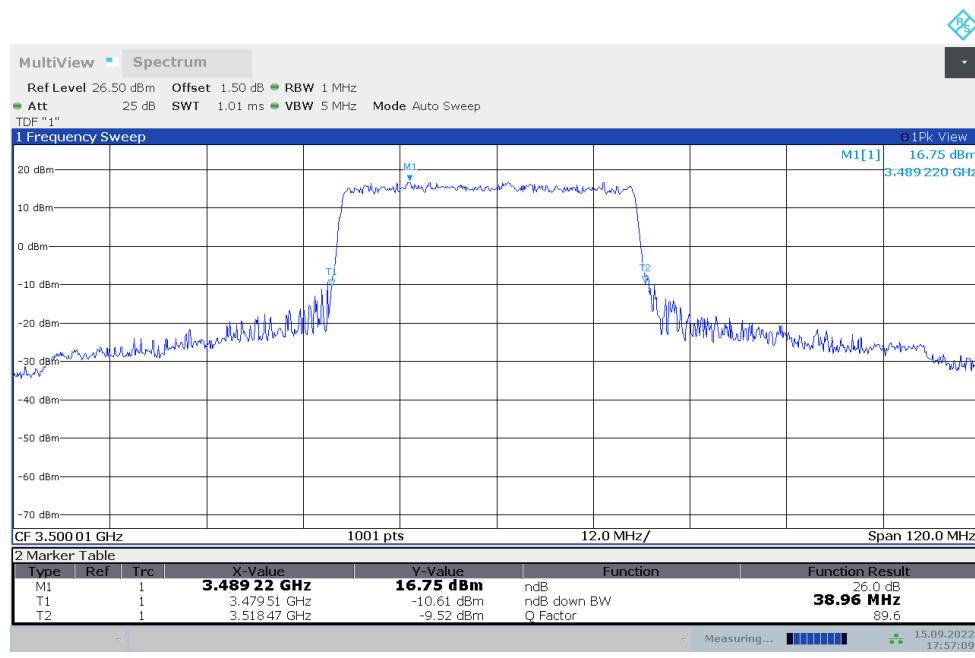
**n77L,20MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	19.361	19.481

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

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


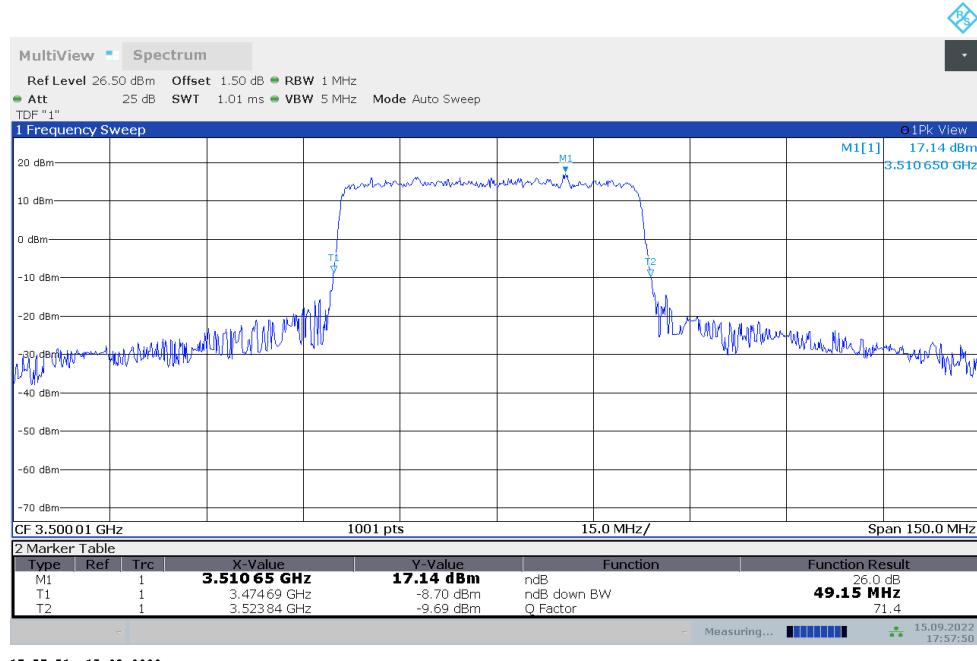
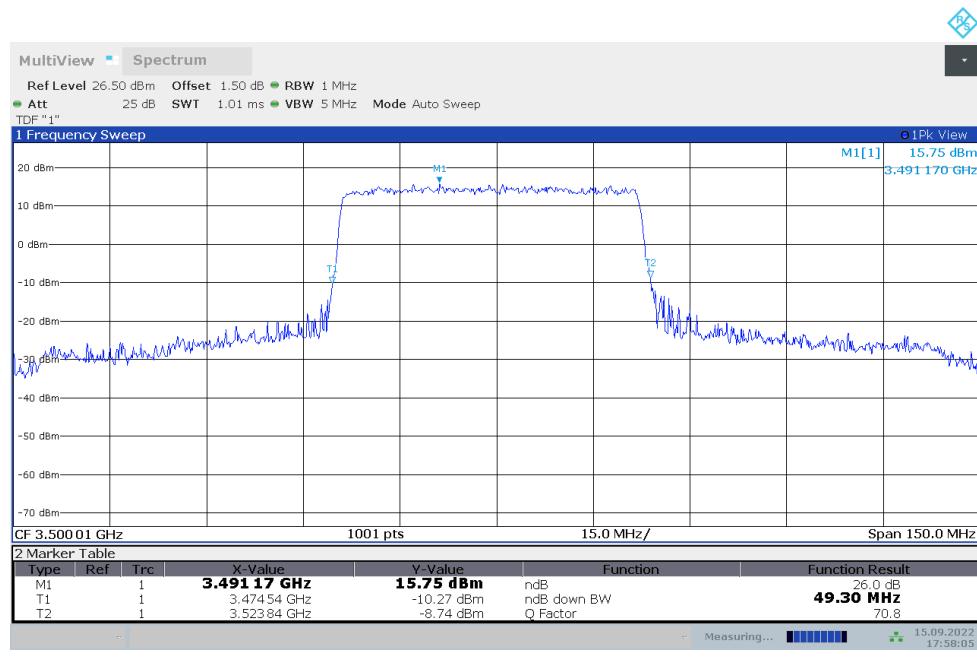
**n77L,40MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	38.480	38.960

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

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


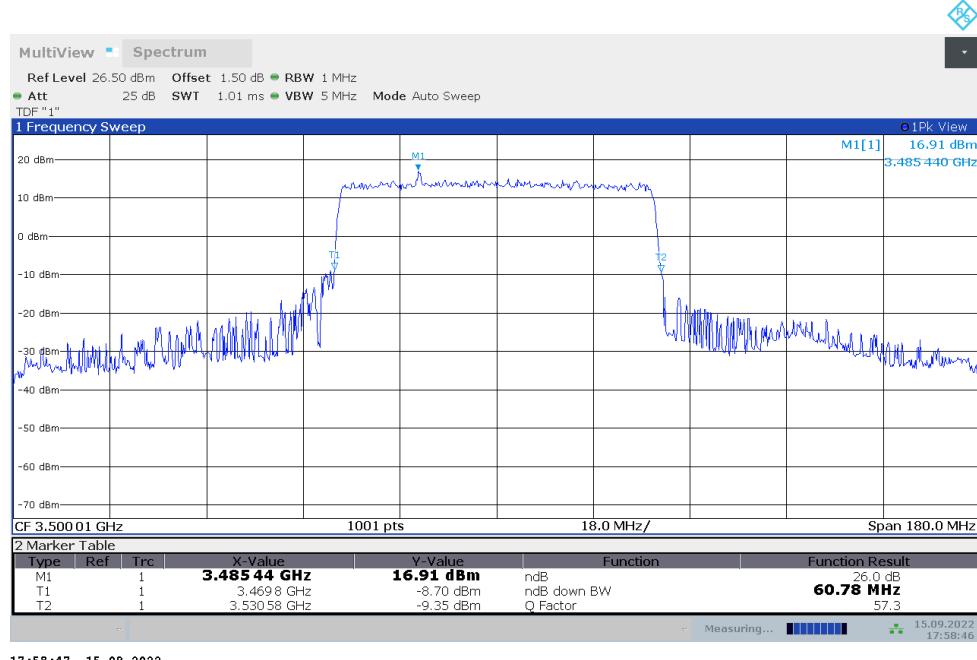
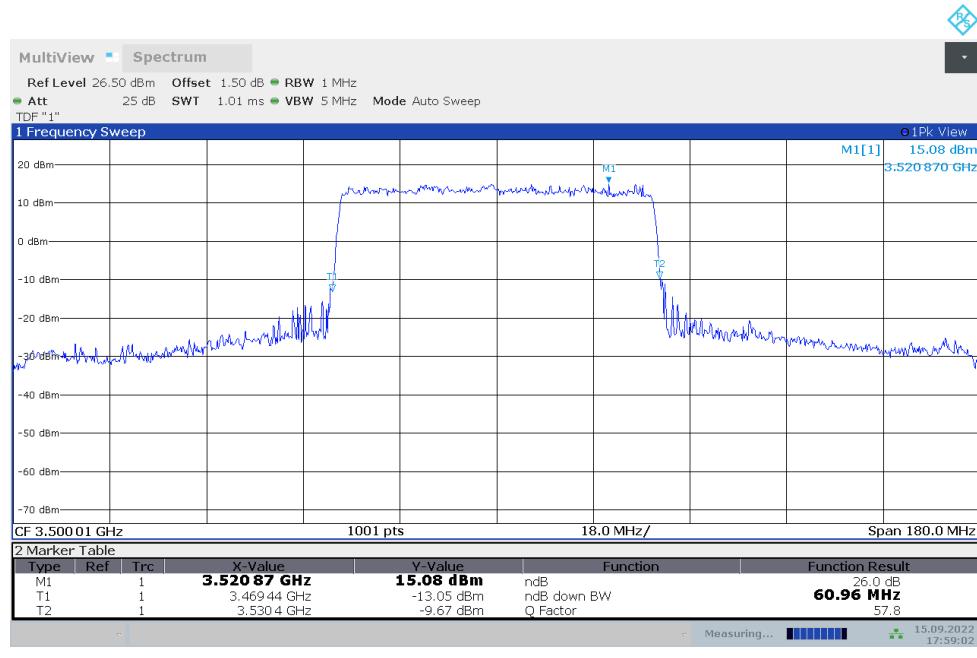
**n77L,50MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	49.150	49.300

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

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


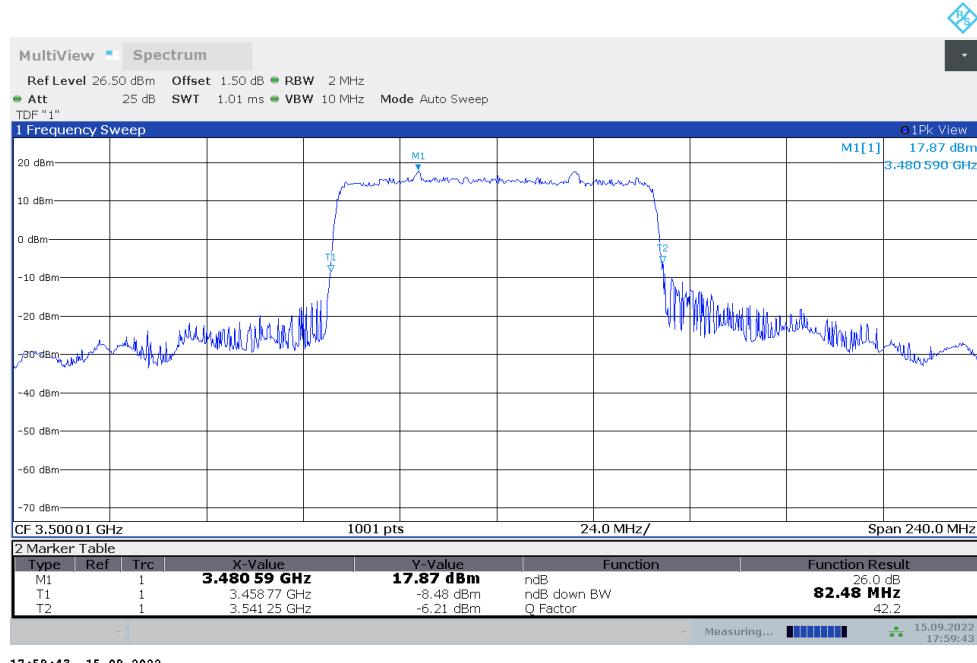
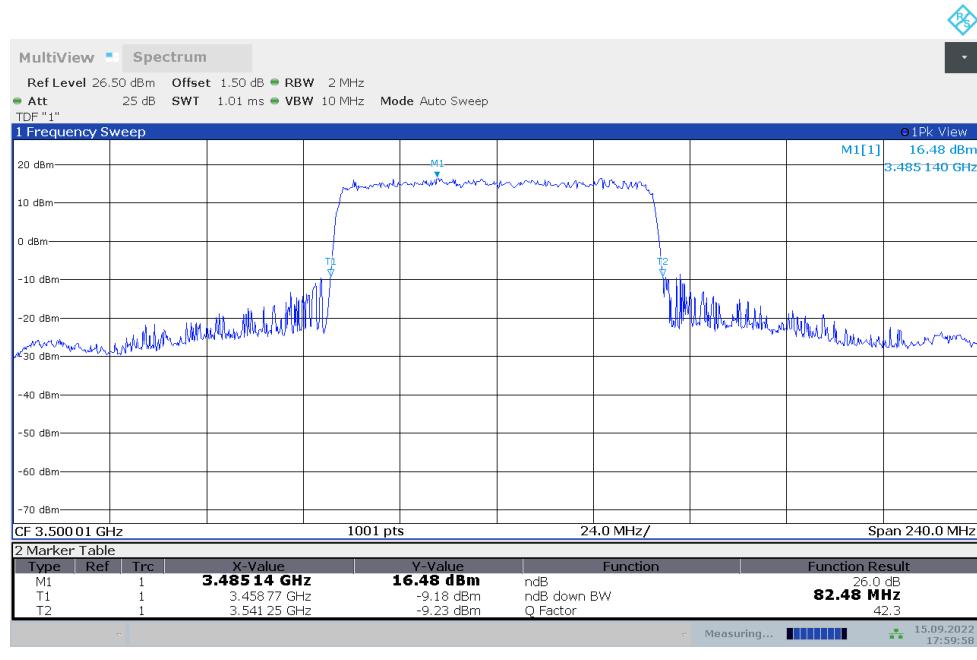
**n77L,60MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	60.780	60.960

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

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


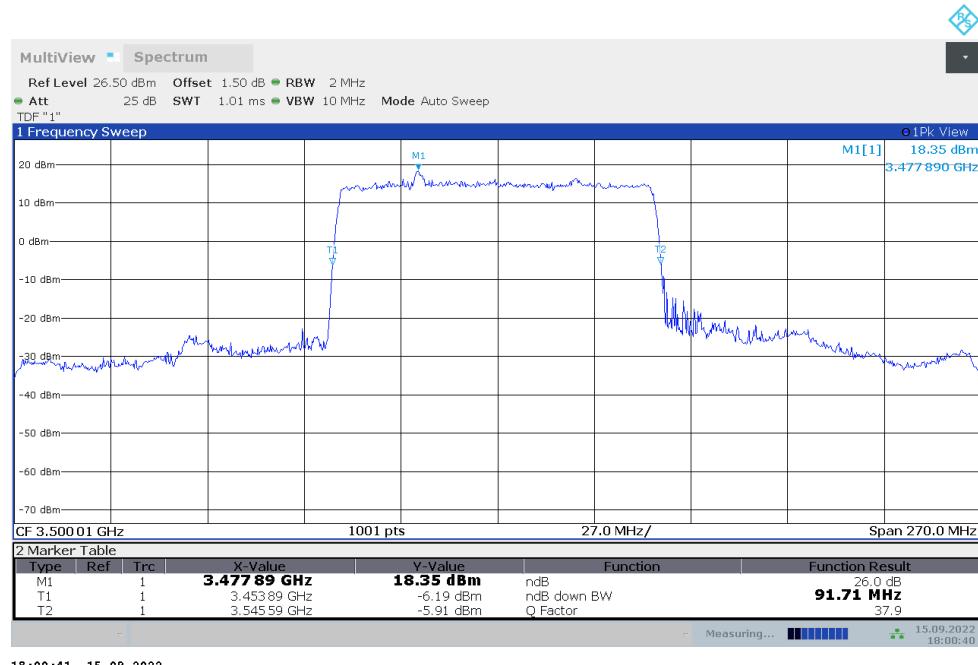
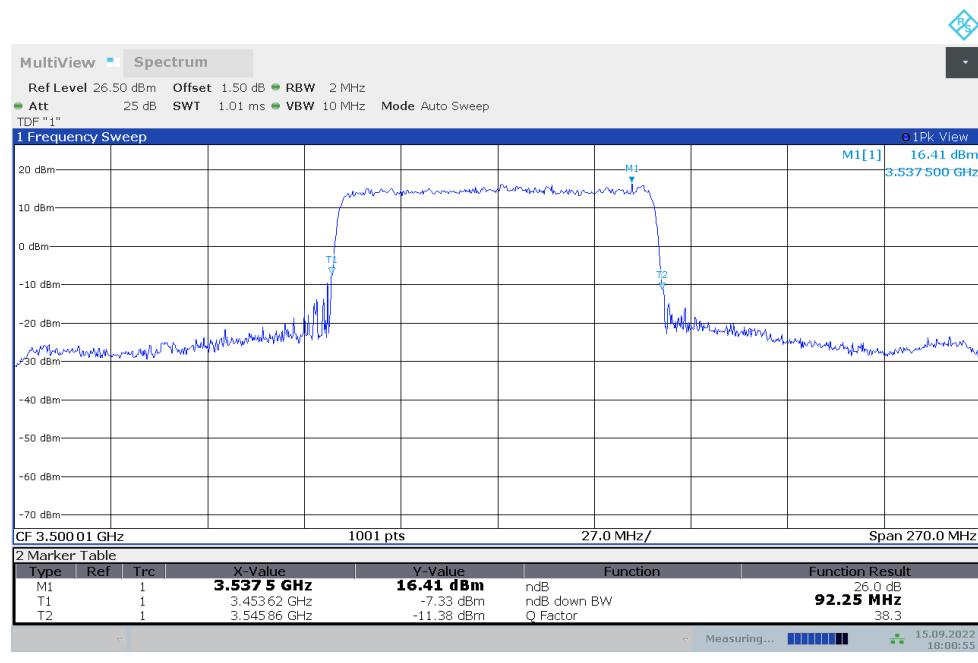
**n77L,80MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	82.480	82.480

**n77L,80MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n77L,80MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


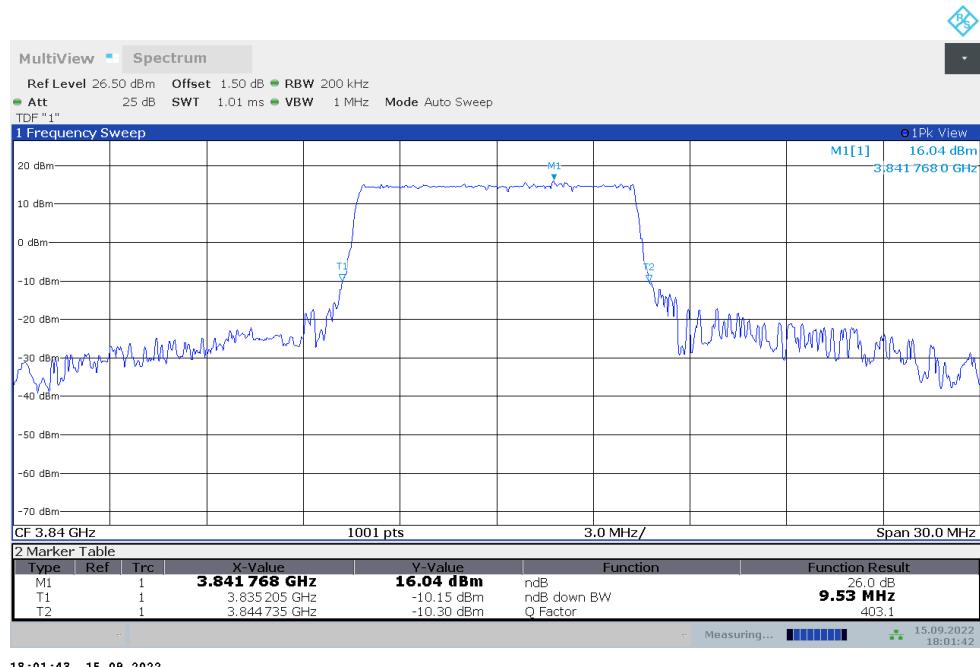
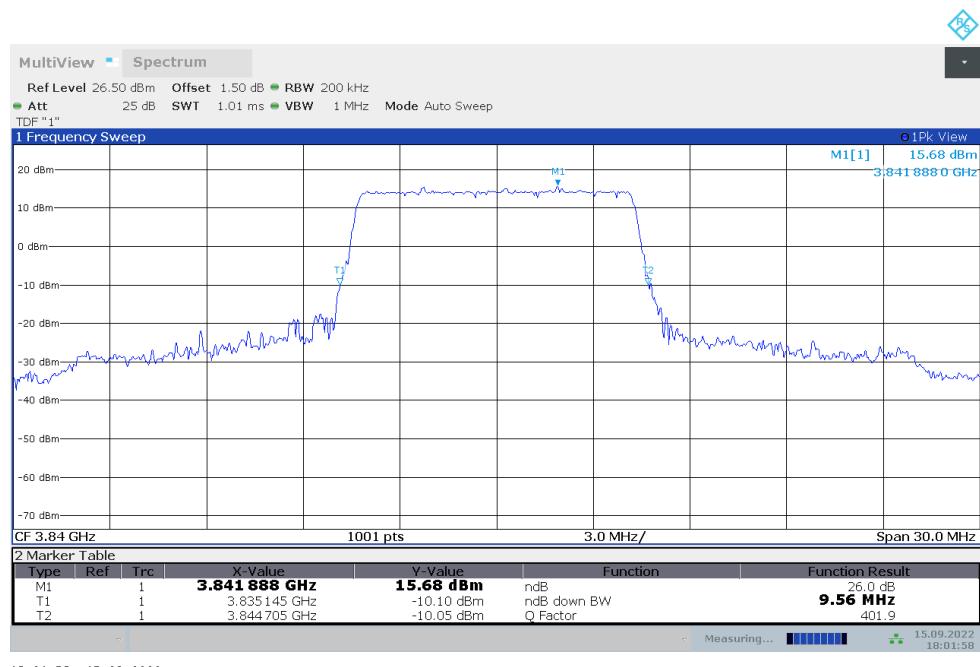
**n77L,90MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	91.710	92.250

**n77L,90MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n77L,90MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


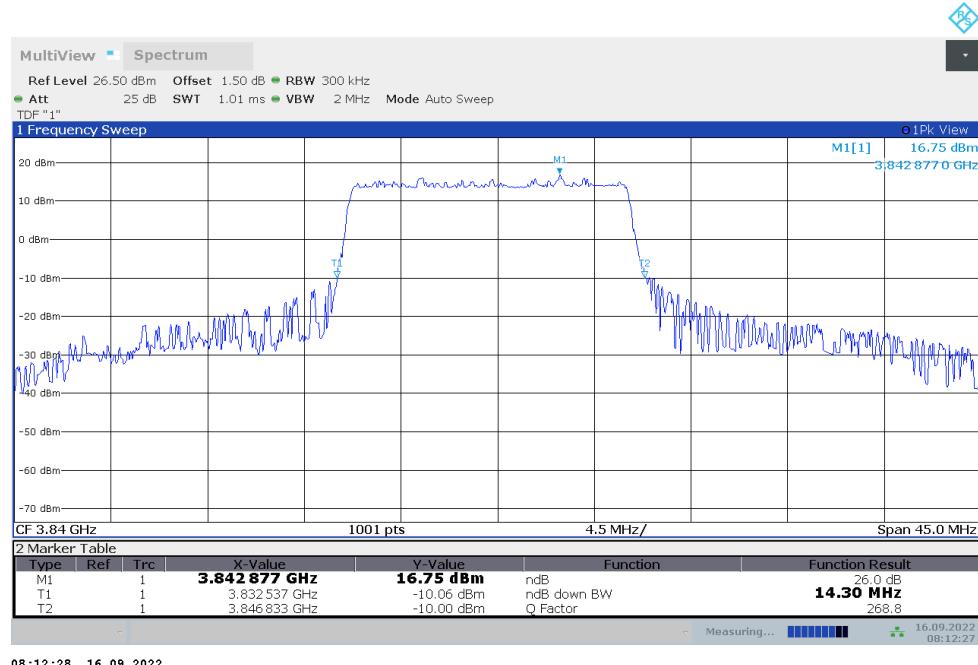
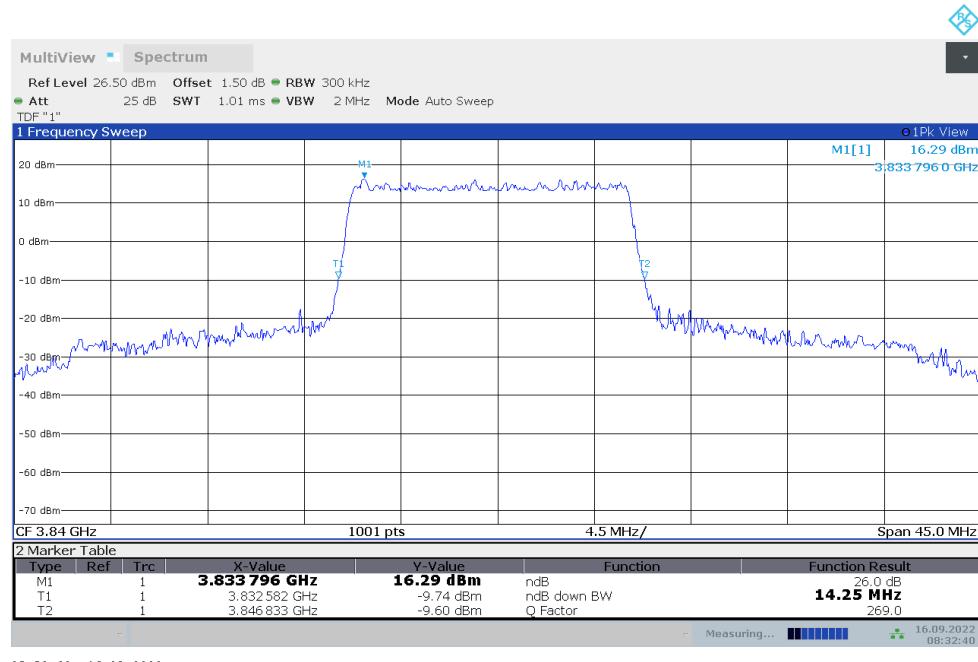
**n77H**
**n77H,10MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	9.530	9.560

**n77H,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n77H,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


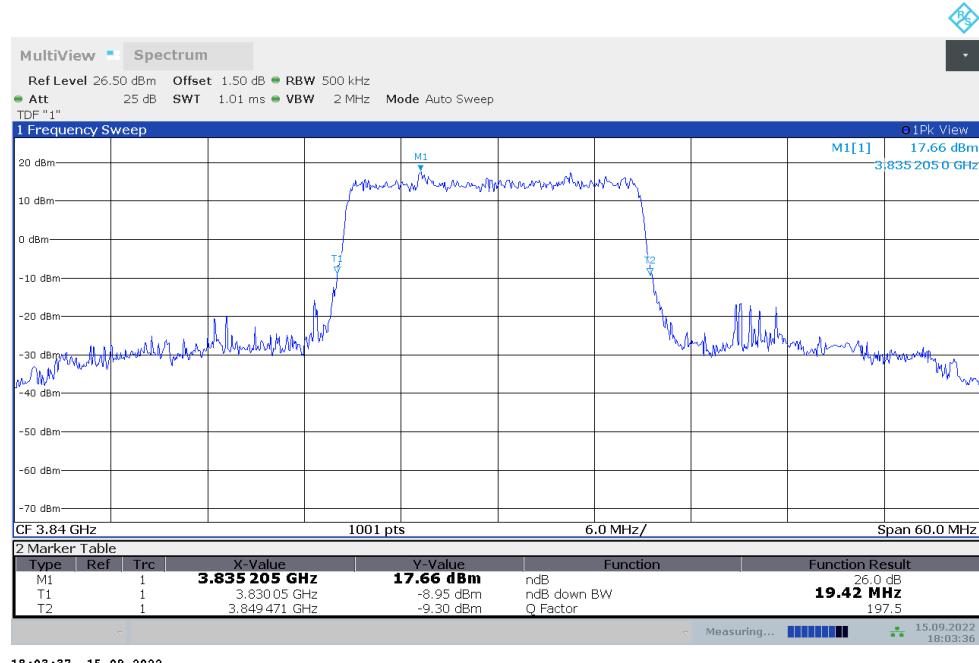
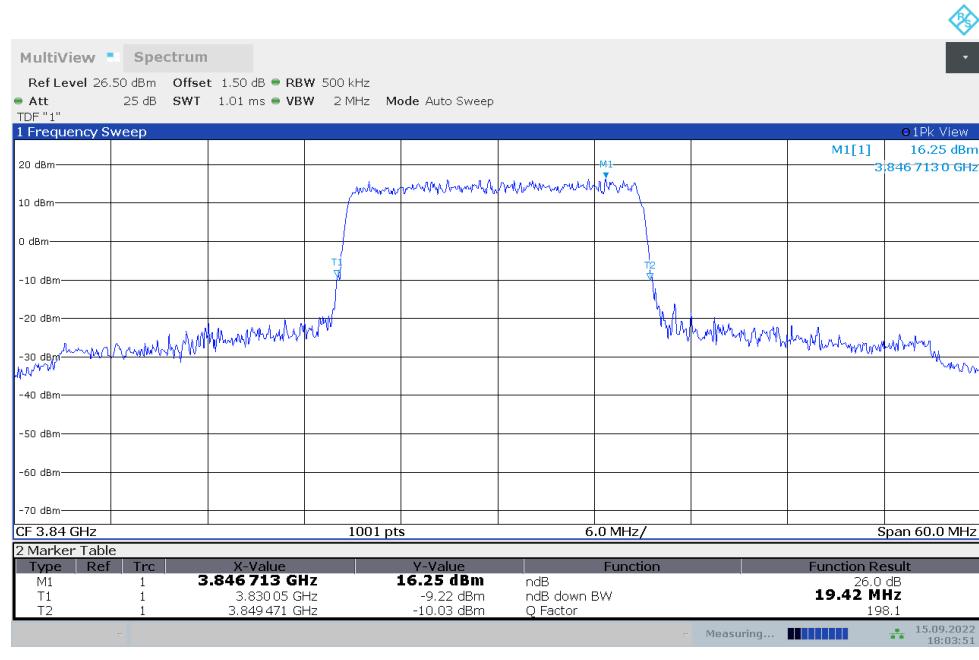
**n77H,15MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	14.296	14.251

**n77H,15MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n77H,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


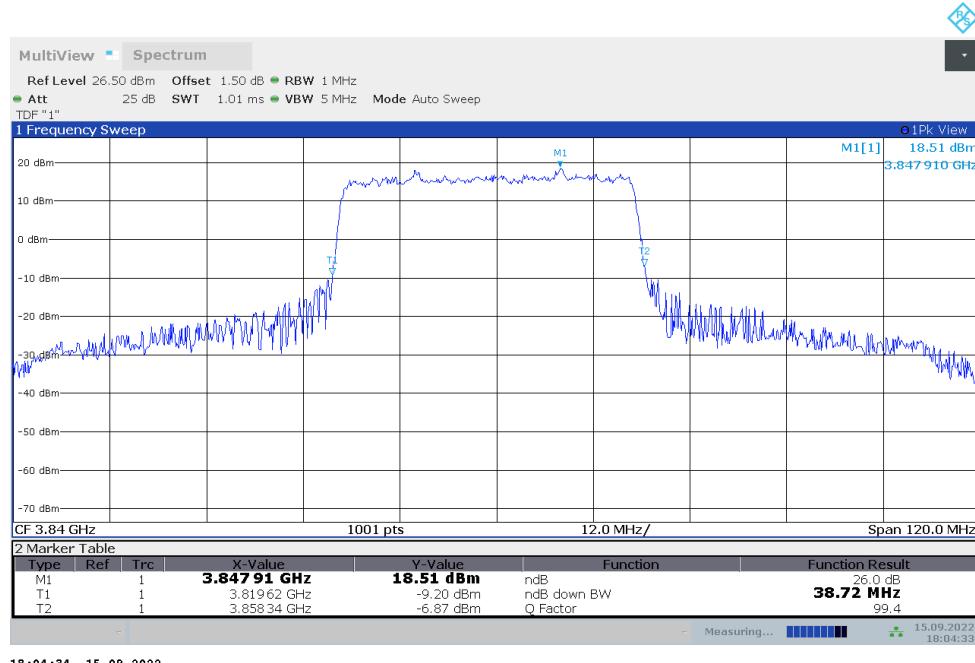
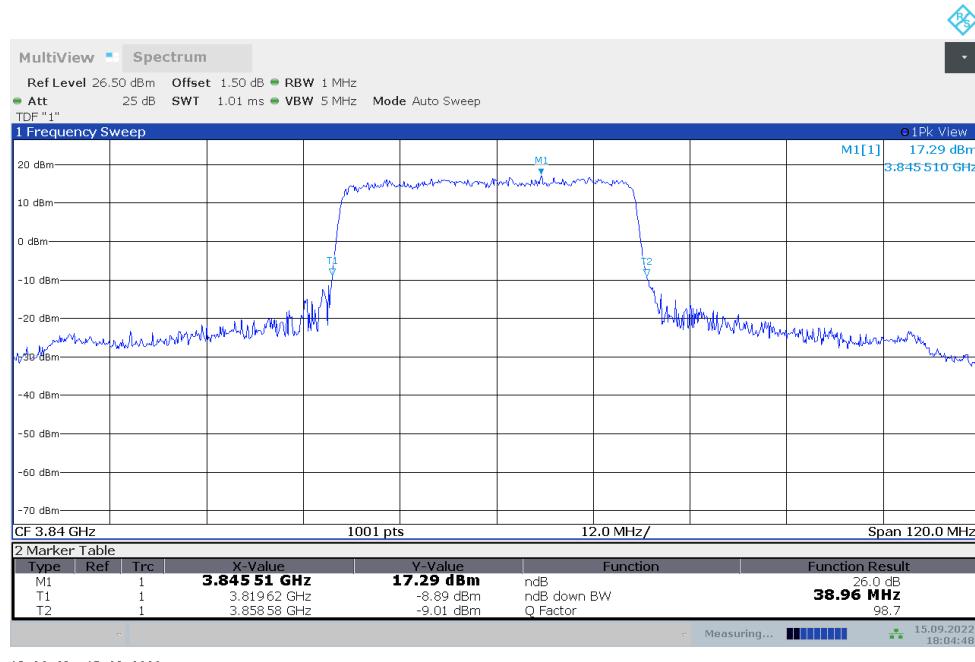
**n77H,20MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	19.421	19.421

**n77H,20MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n77H,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


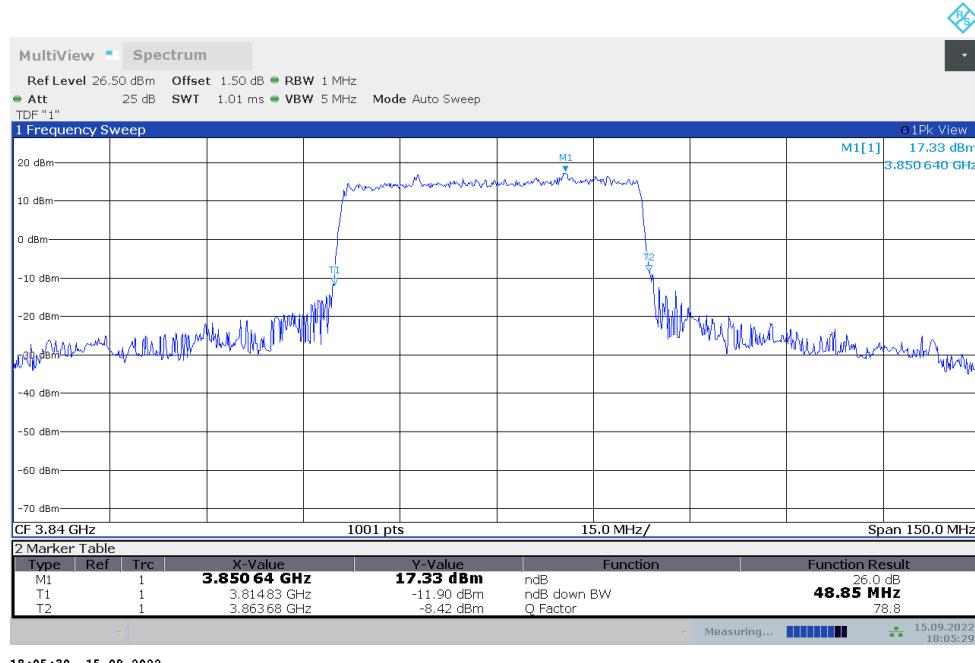
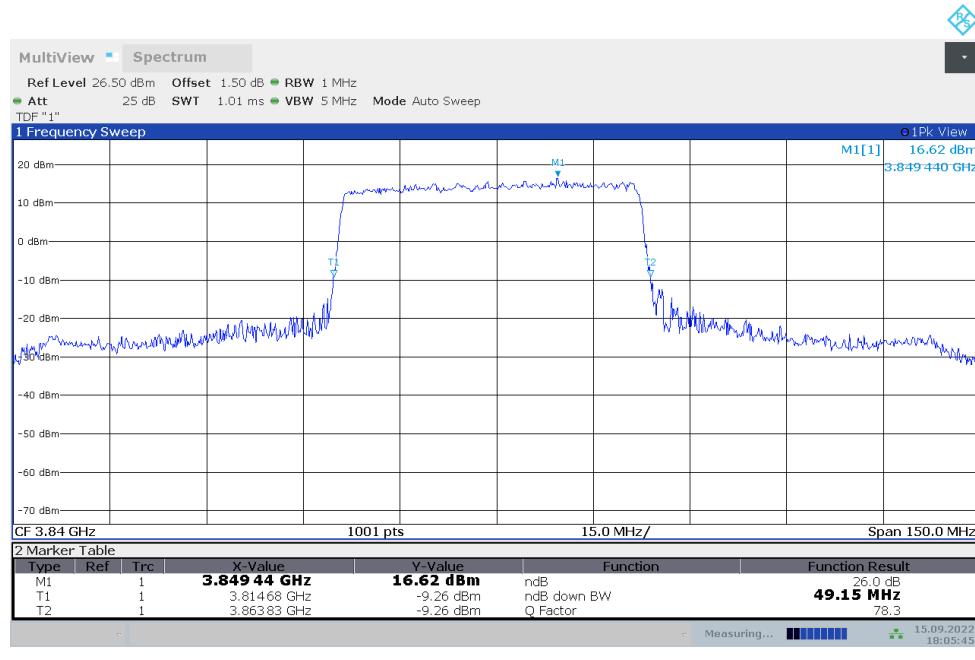
**n77H,40MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	38.720	38.960

**n77H,40MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n77H,40MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


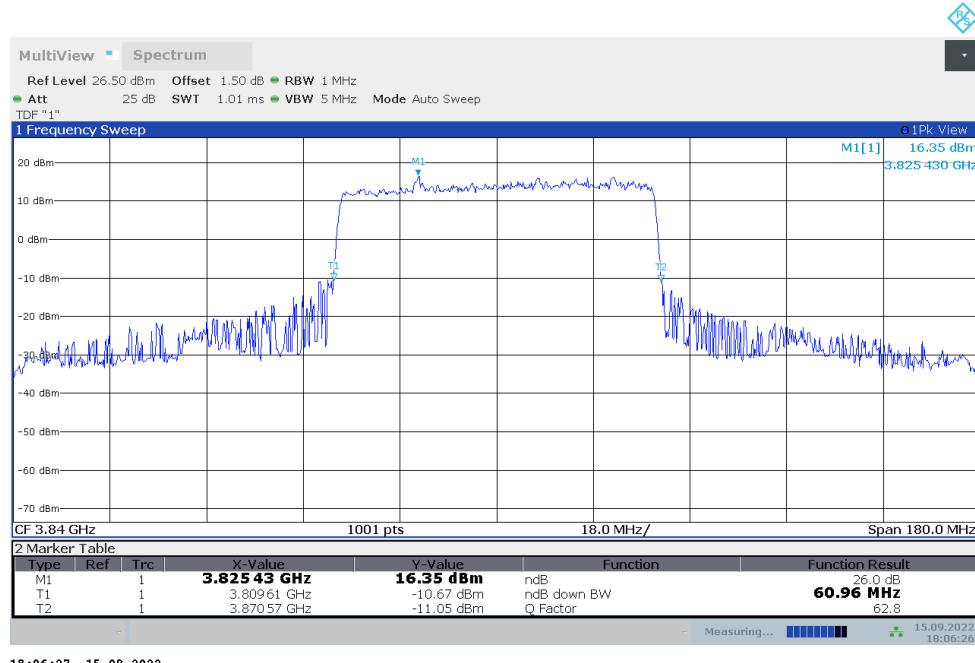
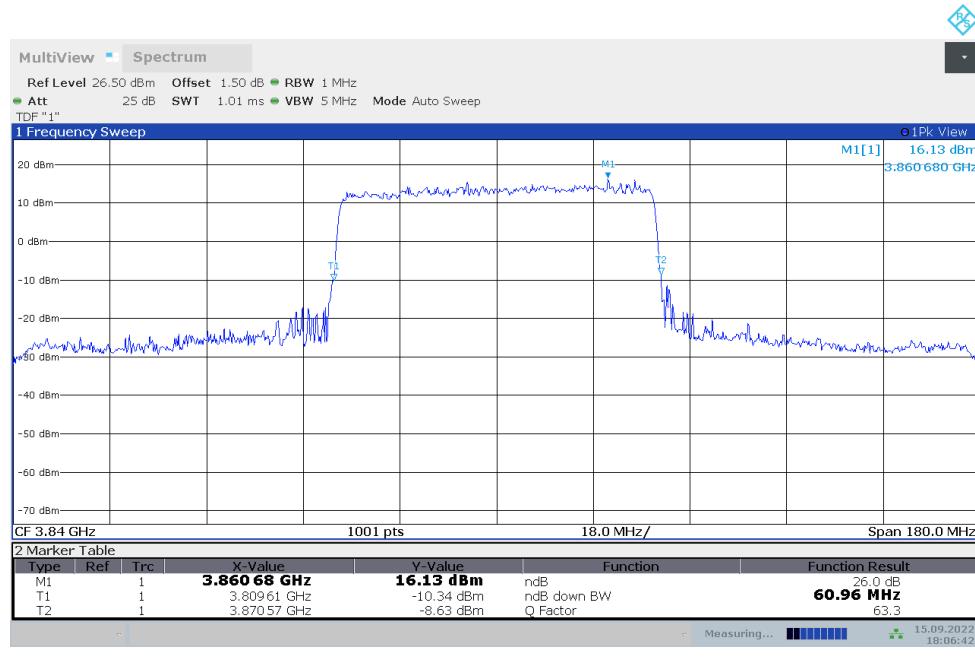
**n77H,50MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	48.850	49.150

**n77H,50MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n77H,50MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


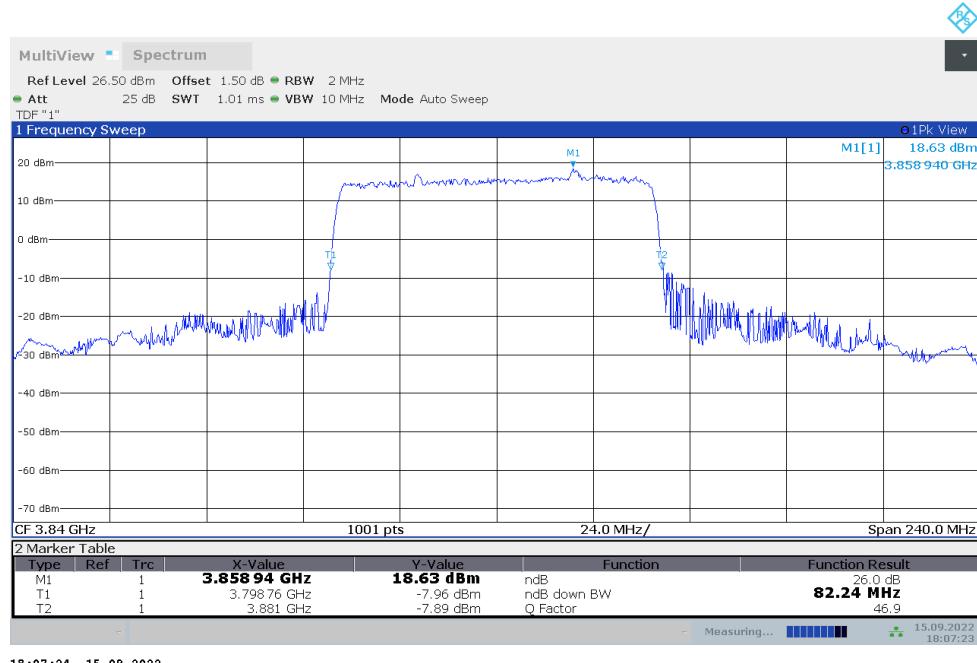
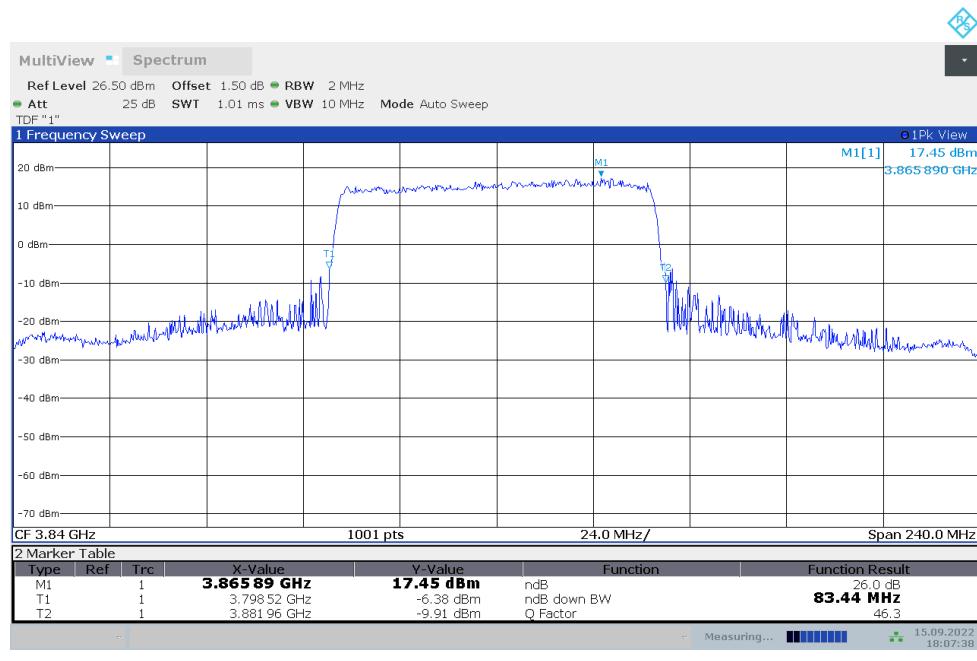
**n77H,60MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	60.960	60.960

**n77H,60MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n77H,60MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


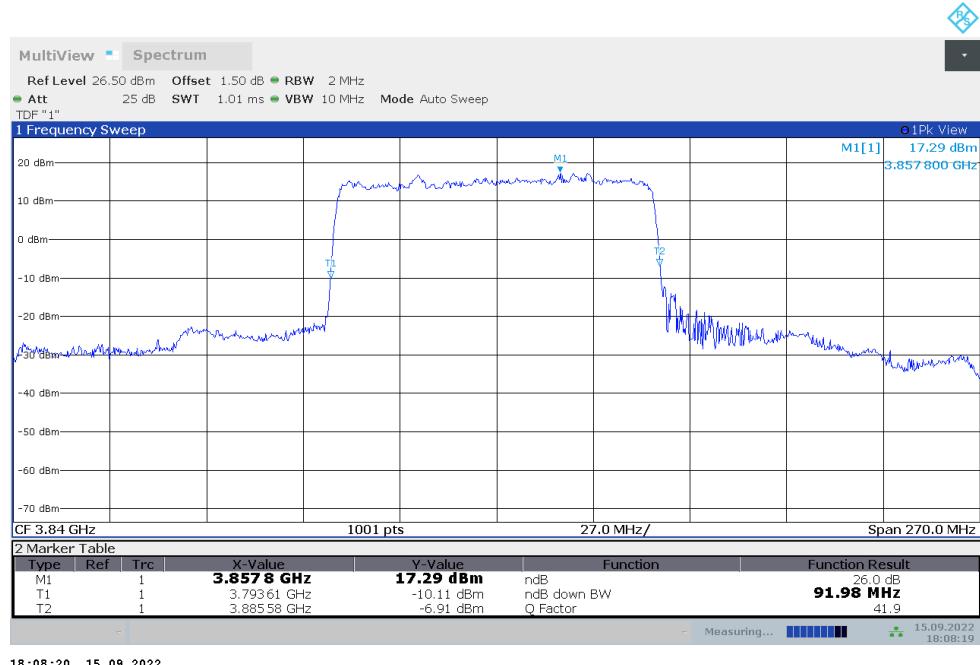
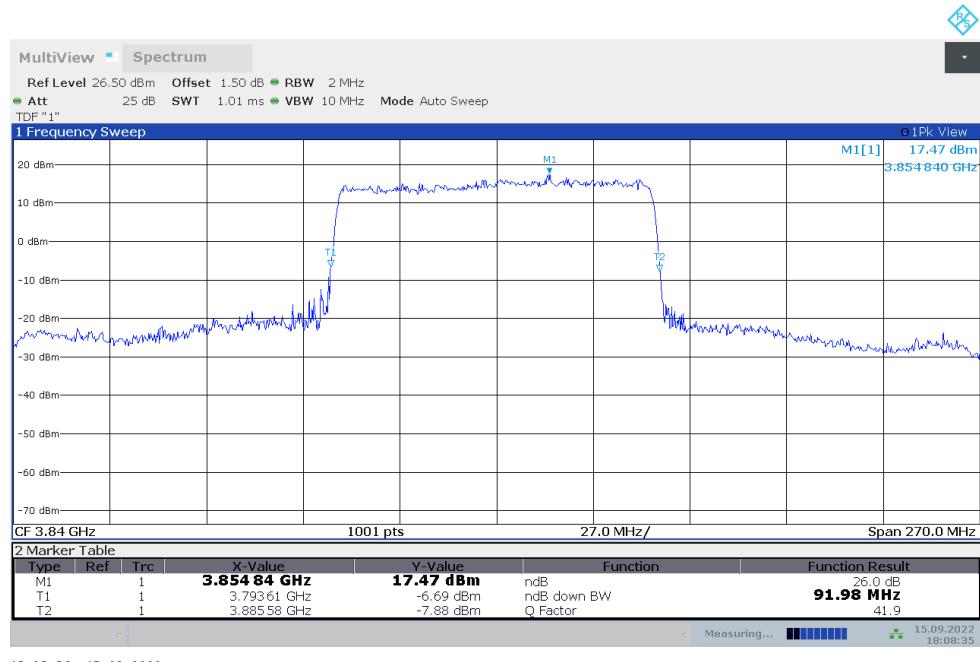
**n77H,80MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	82.240	83.440

**n77H,80MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n77H,80MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


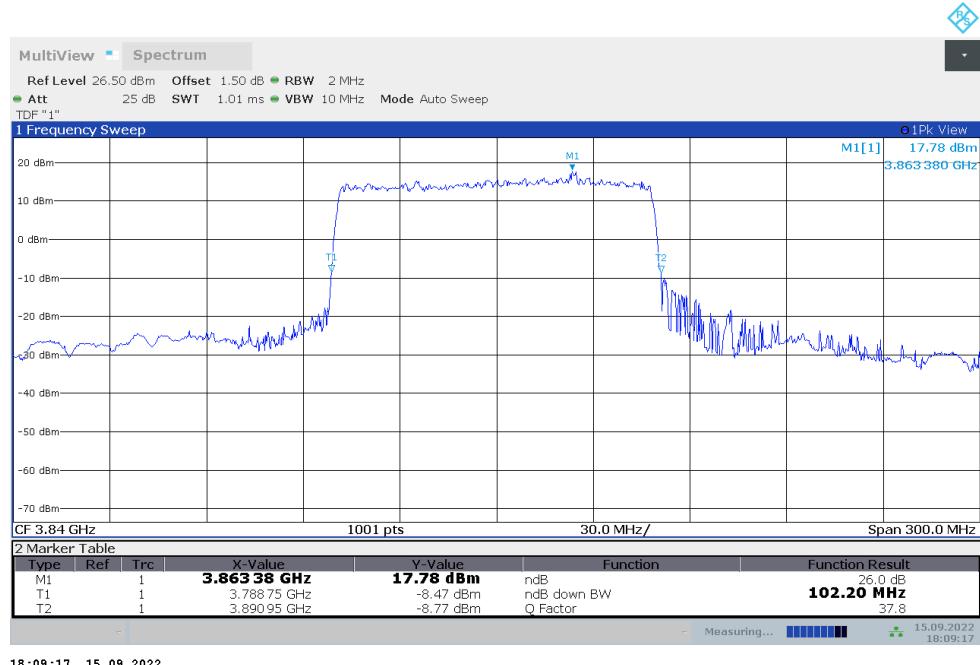
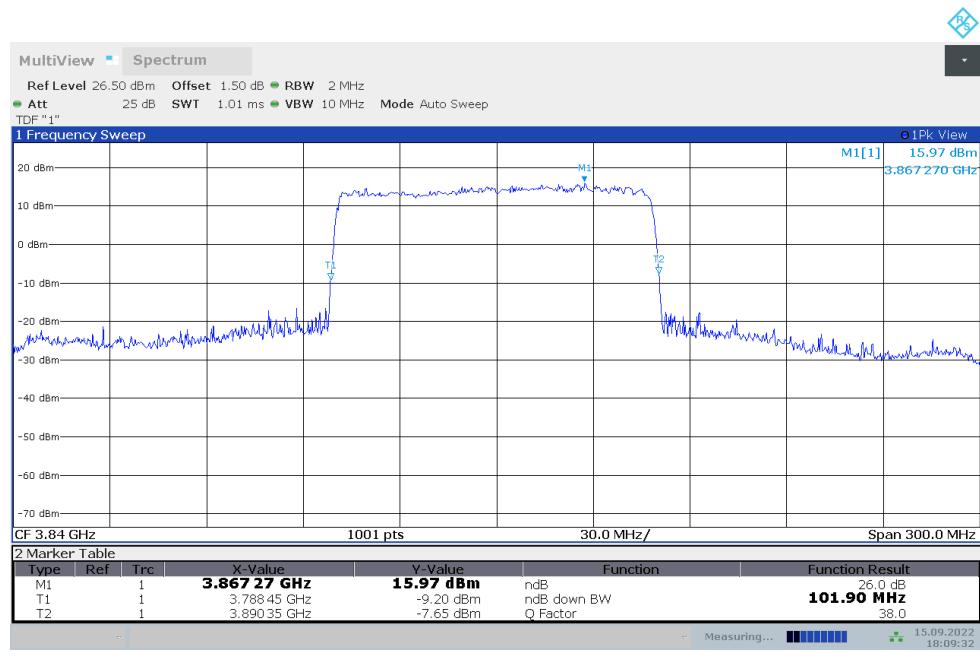
**n77H,90MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	91.980	91.980

**n77H,90MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n77H,90MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


**n77H,100MHz(-26dBc)**

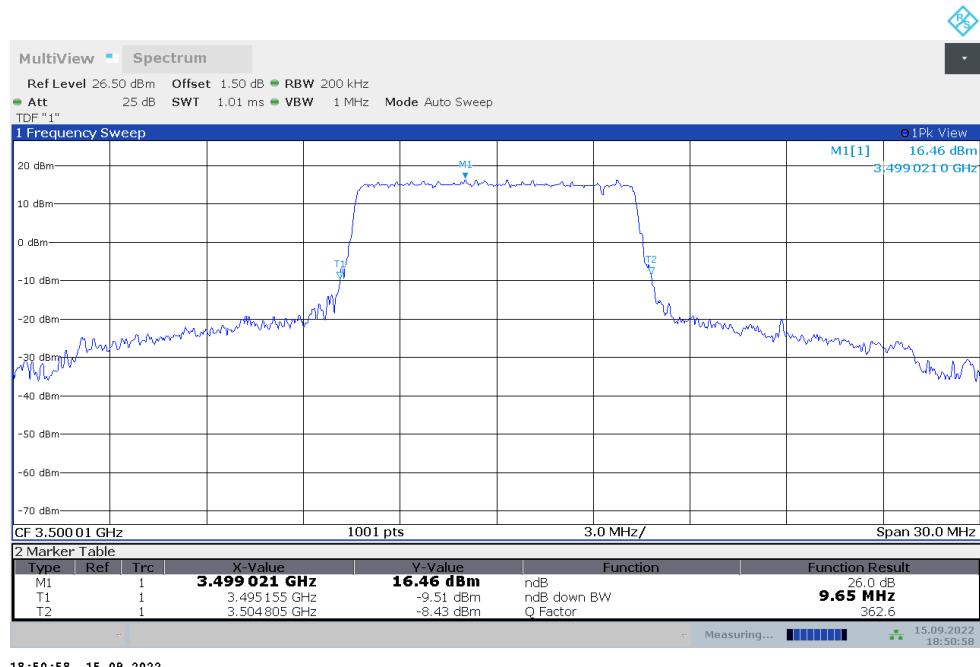
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	102.200	101.900

**n77H,100MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n77H,100MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


**n78L**
**n78L,10MHz(-26dBc)**

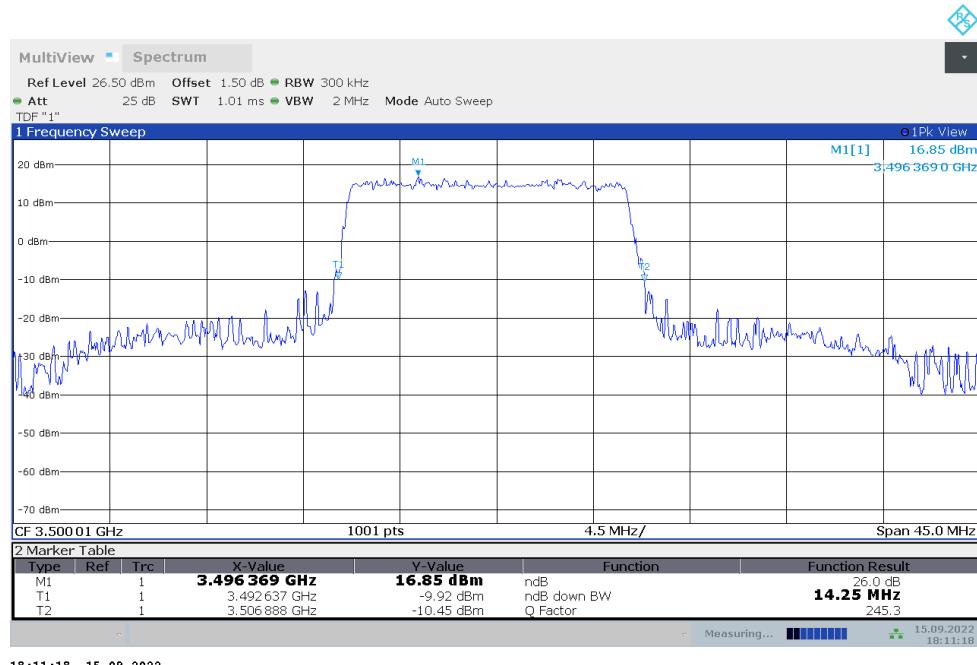
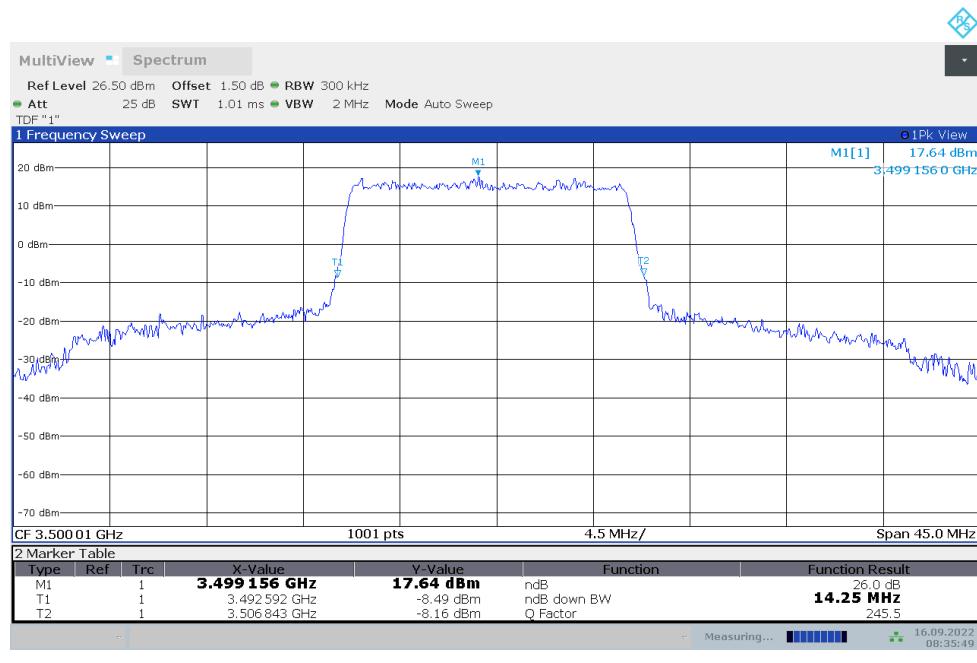
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	9.560	9.650

**n78L,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n78L,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


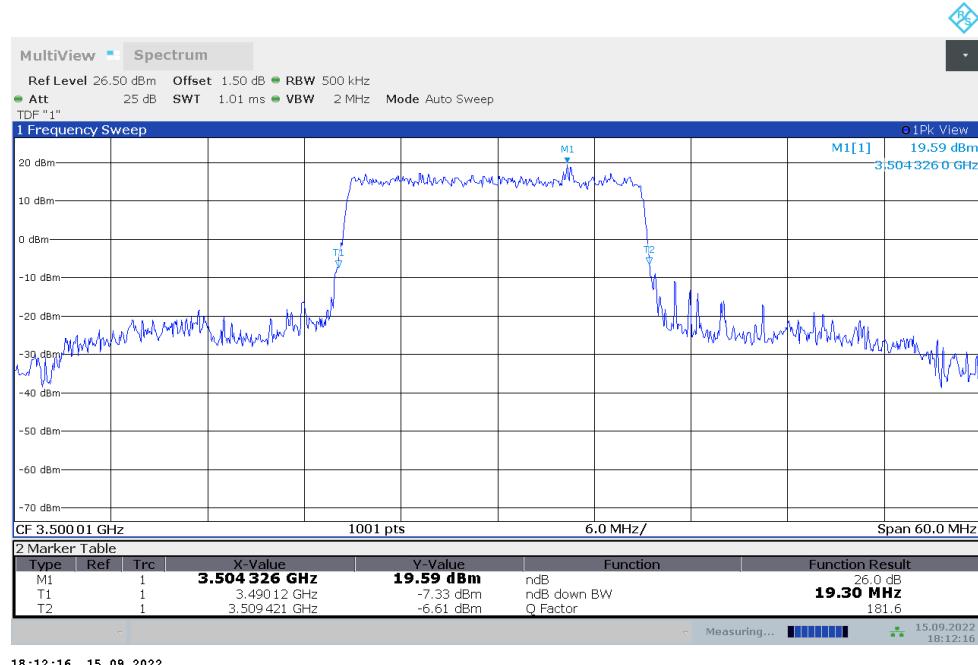
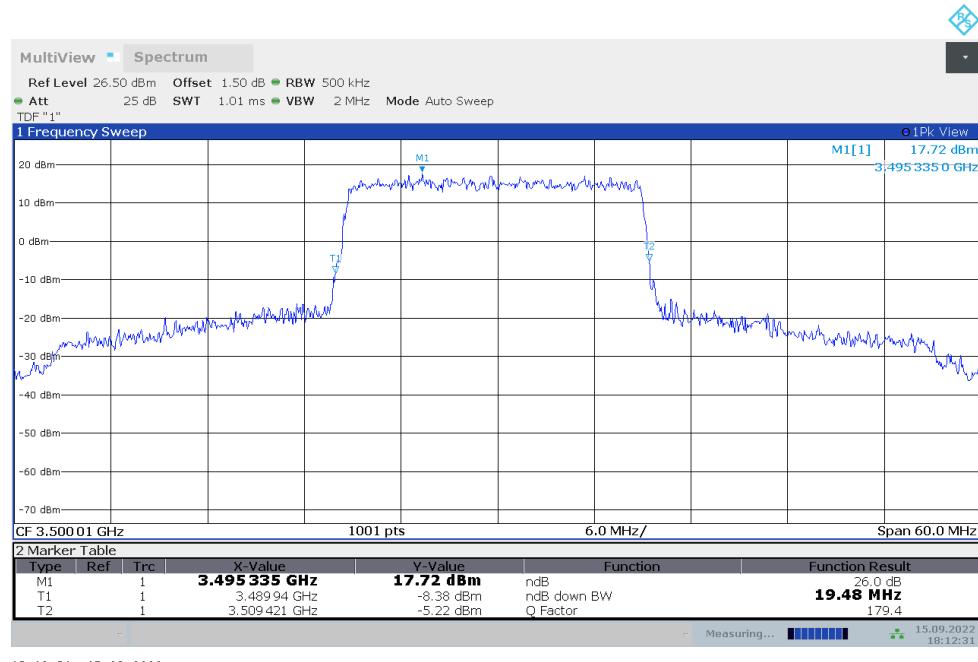
**n78L,15MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	14.251	14.251

**n78L,15MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n78L,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


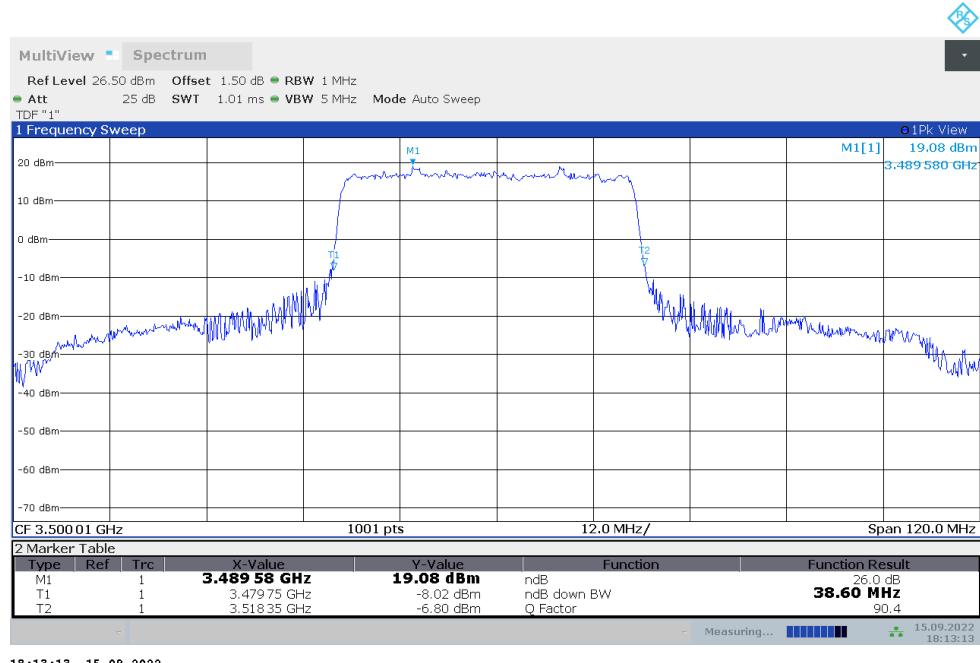
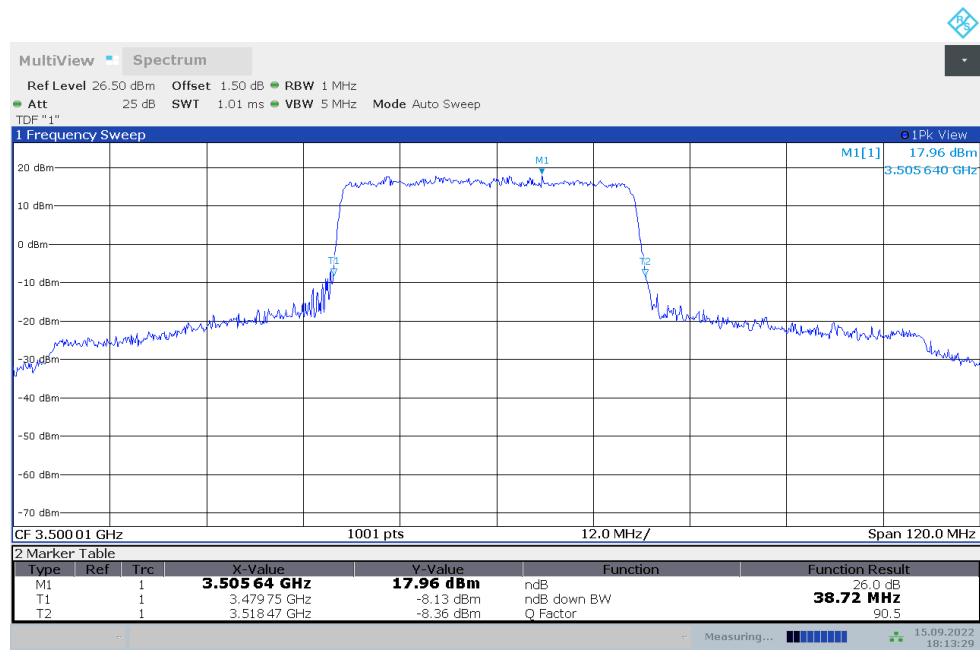
**n78L,20MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	19.301	19.481

**n78L,20MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n78L,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


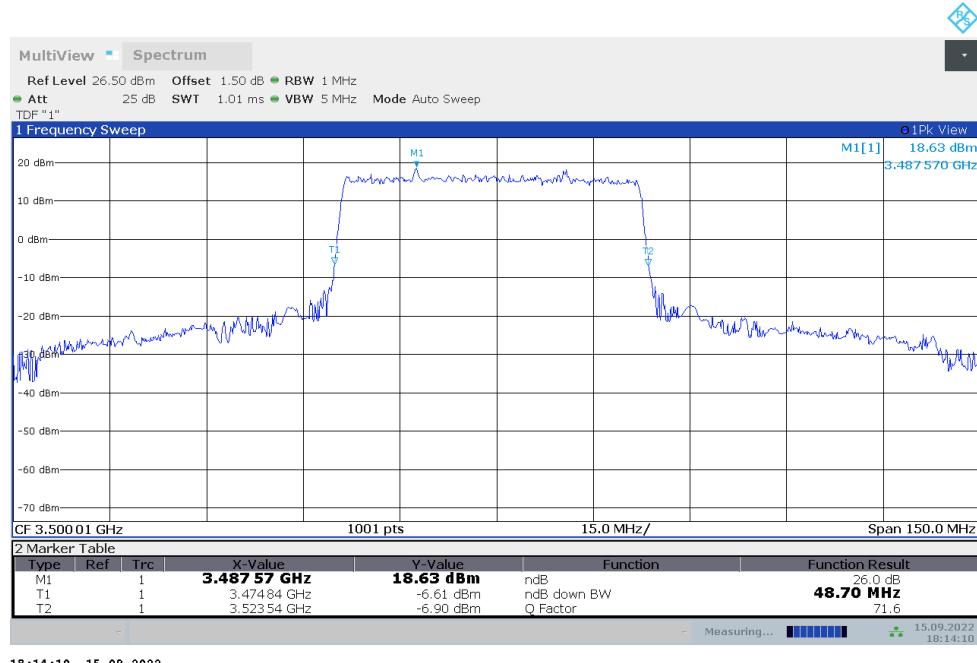
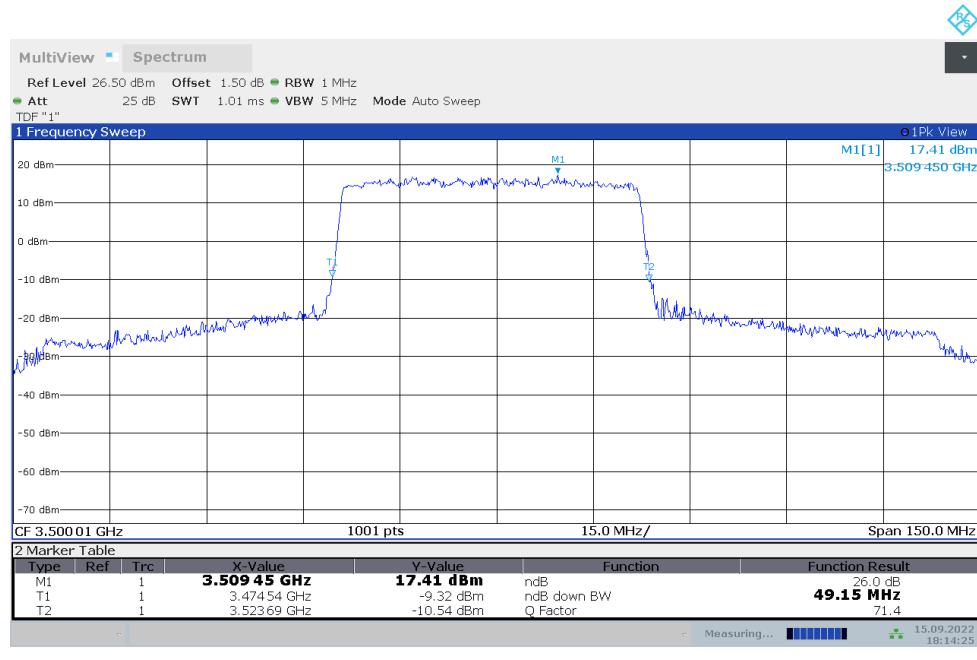
**n78L,40MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	38.600	38.720

**n78L,40MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n78L,40MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


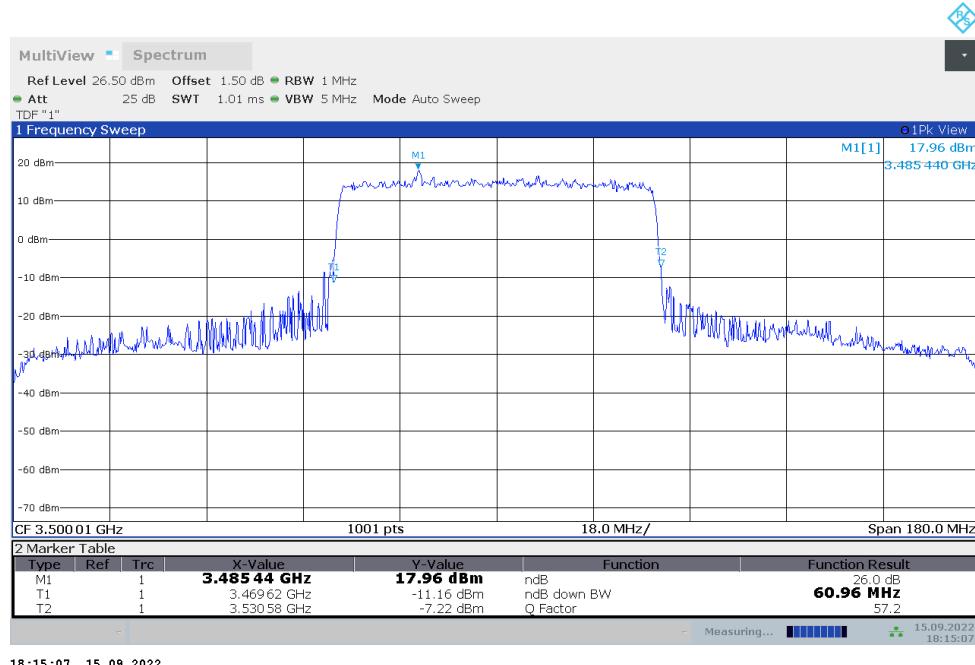
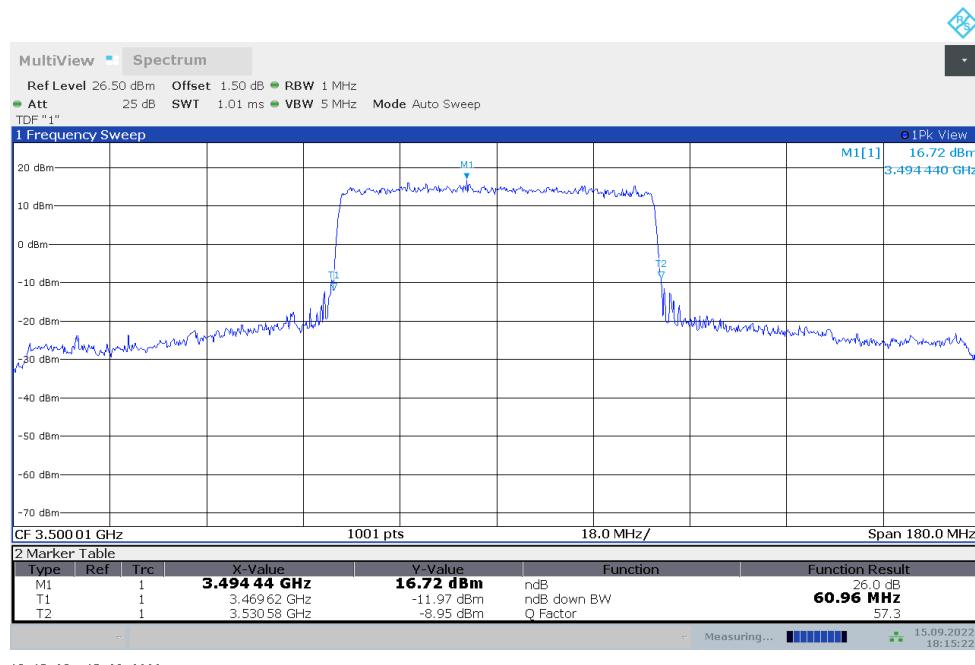
**n78L,50MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	48.700	49.150

**n78L,50MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n78L,50MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


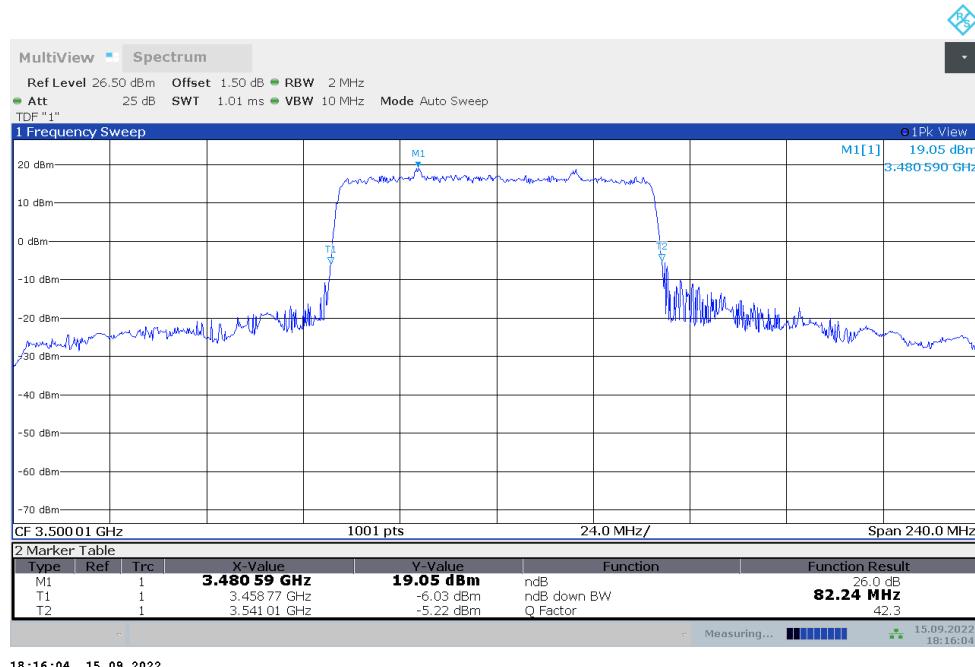
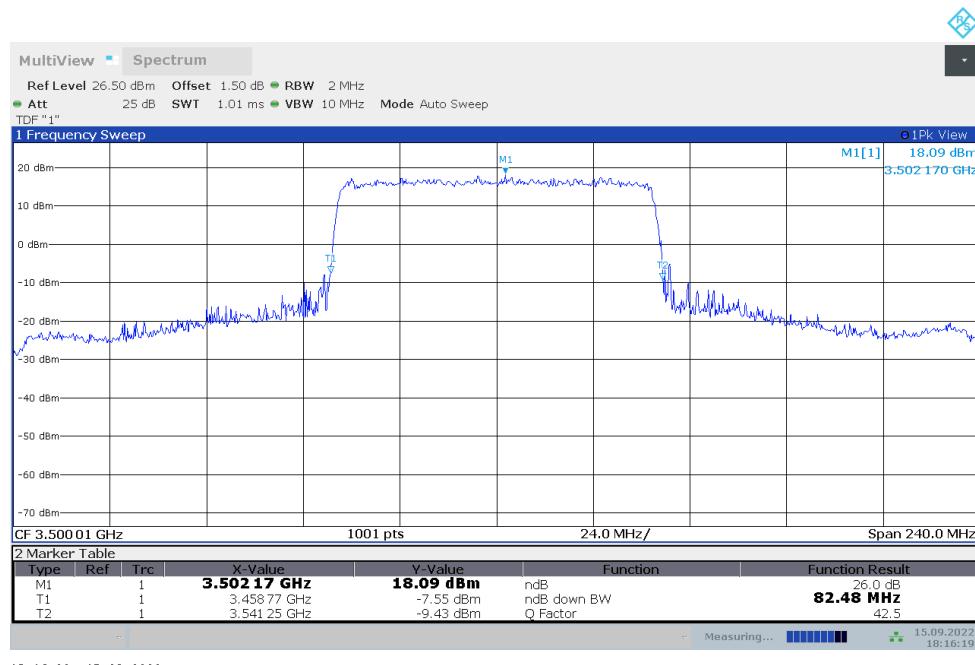
**n78L,60MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	60.960	60.960

**n78L,60MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n78L,60MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


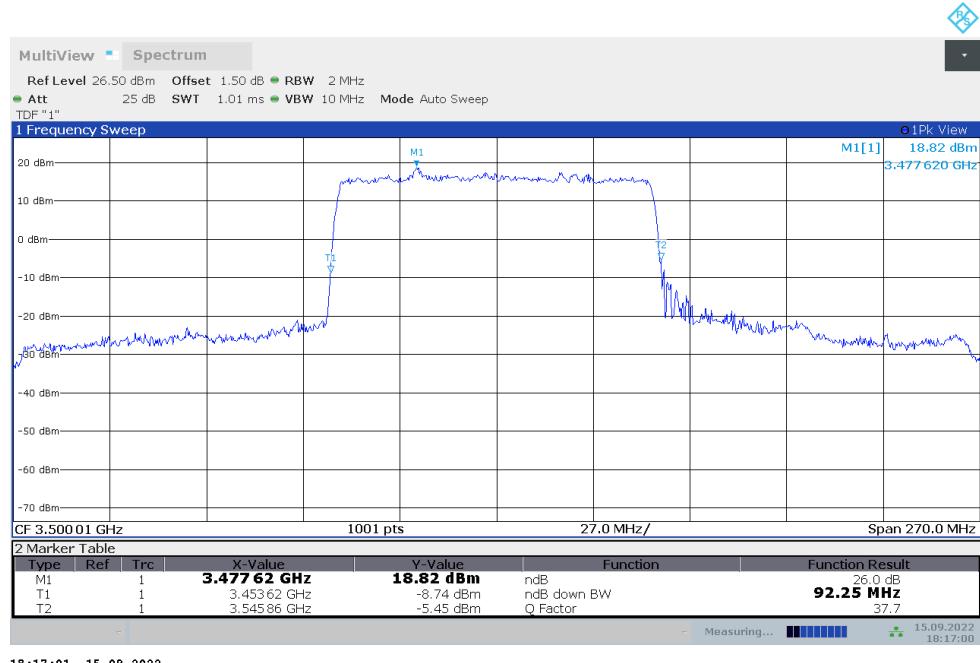
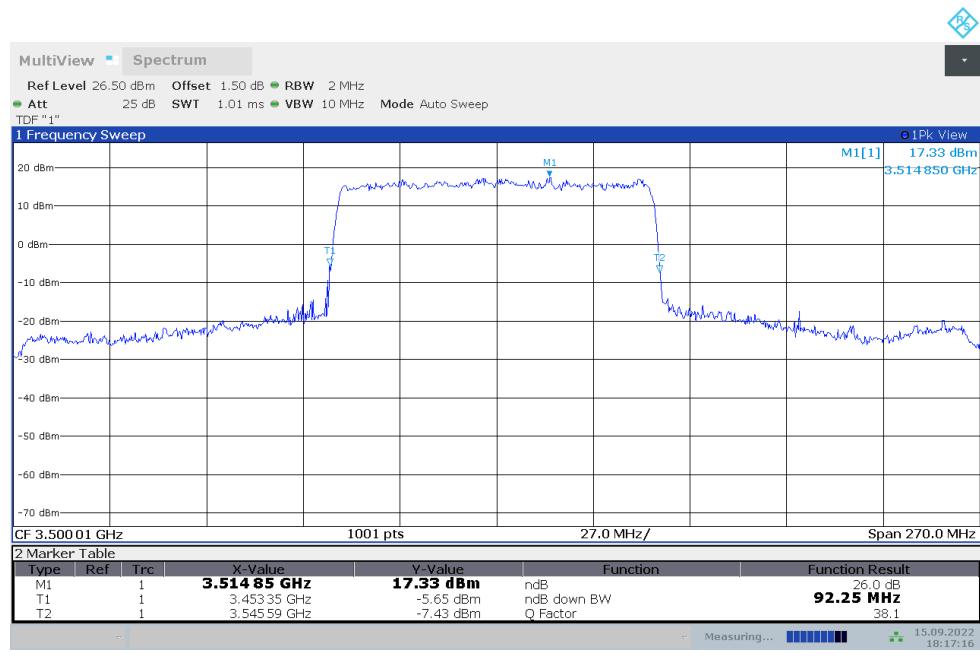
**n78L,80MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	82.240	82.480

**n78L,80MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n78L,80MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


**n78L,90MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	92.250	92.250

**n78L,90MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n78L,90MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**


Note: The maximum value of expanded measurement uncertainty for this test item is  $U = 0.626 \text{ kHz}$ ,  $k = 2$ .

## **A.6 Band Edge Compliance**

### **A.6.1 Measurement limit**

Part 22.917 specifies that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P)$  dB.

Part 27.53(m) specifies for mobile digital stations, the attenuation factor shall be not less than  $40 + 10 \log(P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log(P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log(P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than  $43 + 10 \log(P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log(P)$  dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Part 27.53(n) states for mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed  $-13 \text{ dBm/MHz}$ .

Compliance with this paragraph (n)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. 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.

Part 27.53(l) states for mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed  $-13 \text{ dBm/MHz}$ .

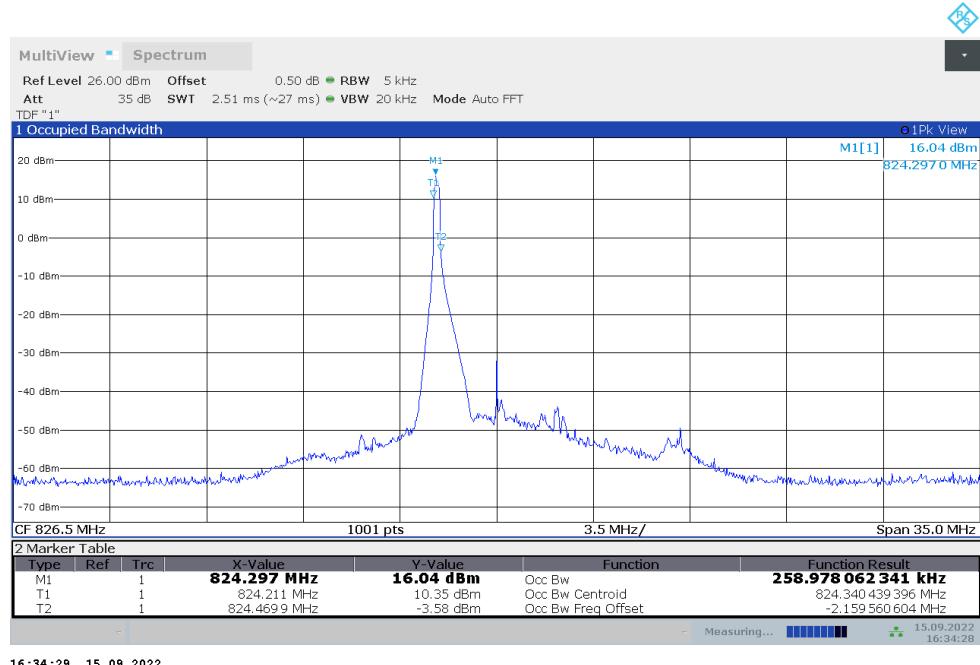
Compliance with this paragraph (l)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. 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 spectrum analyzer readings are corrected by  $[10 \log (1/\text{duty cycle})]$  for the non-continuous transmitting scenario.

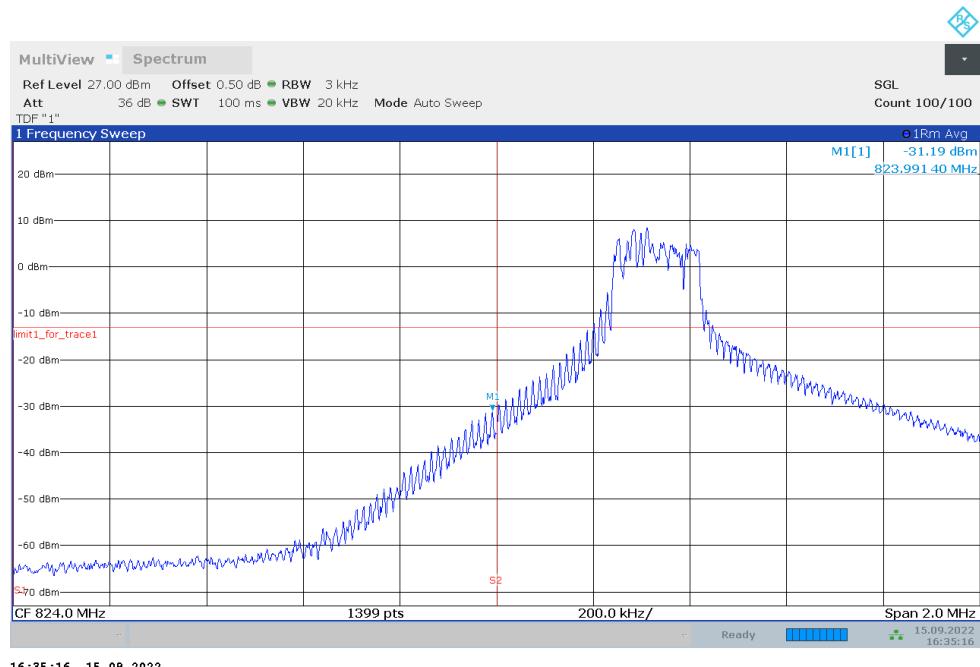
### A.6.2 Measurement result

NR n5

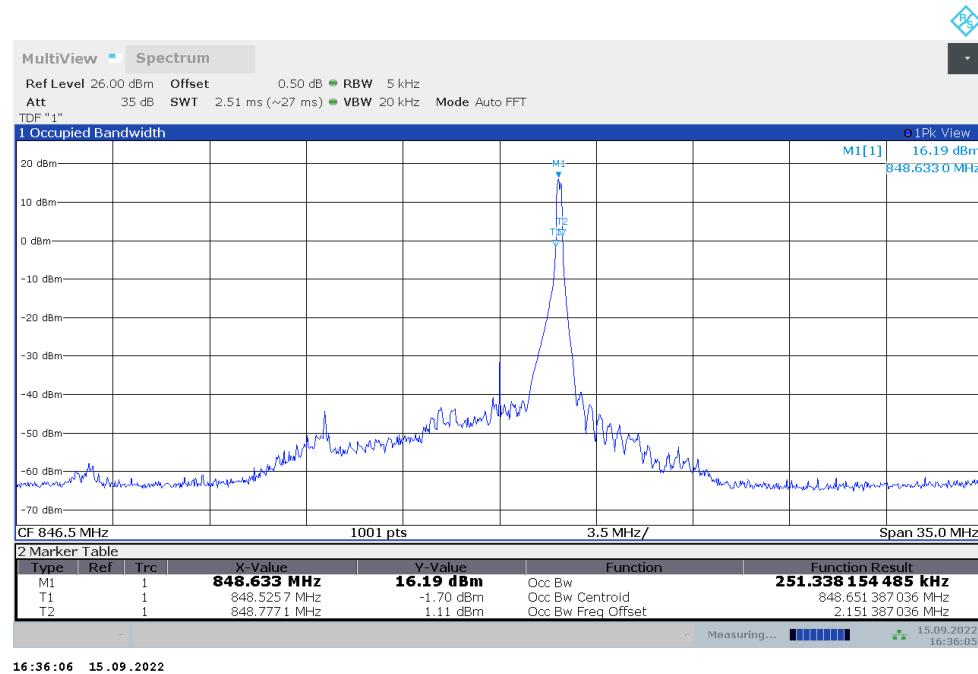
OBW: 1RB-LOW\_offset



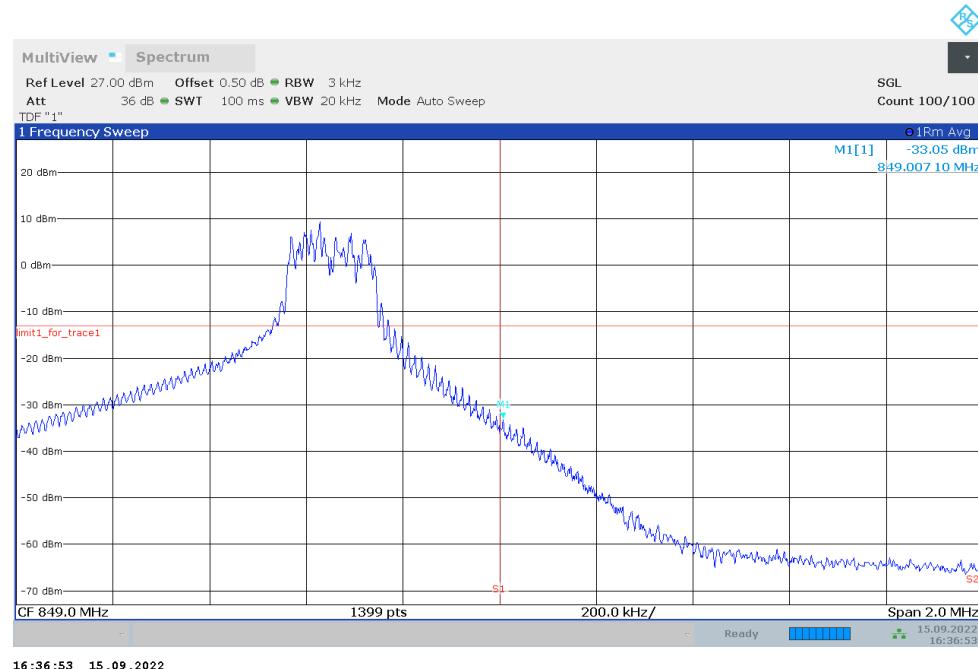
### LOW BAND EDGE BLOCK-1RB-LOW\_offset



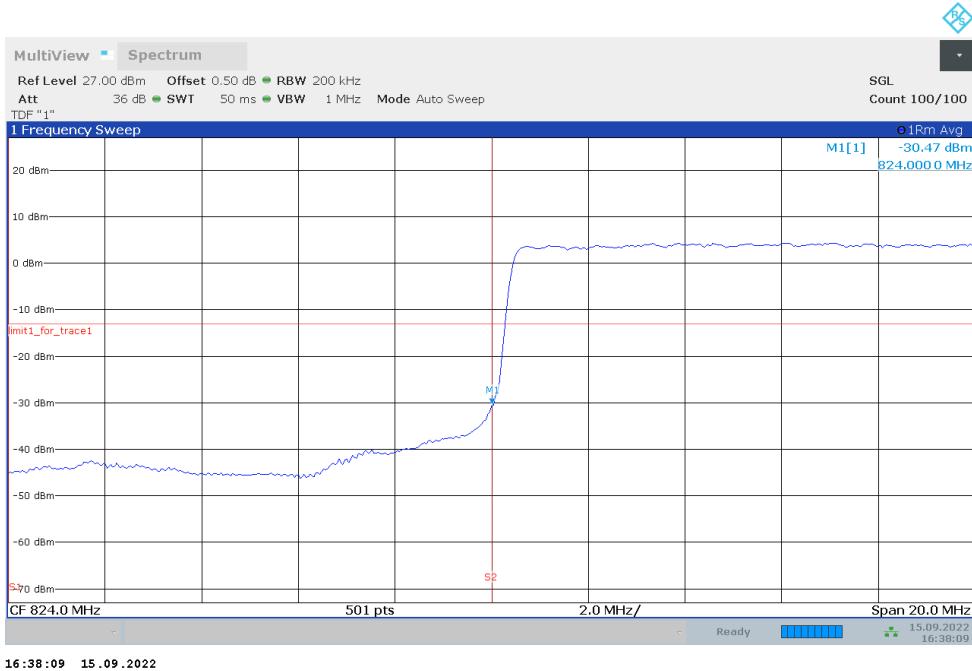
### OBW: 1RB-HIGH\_offset



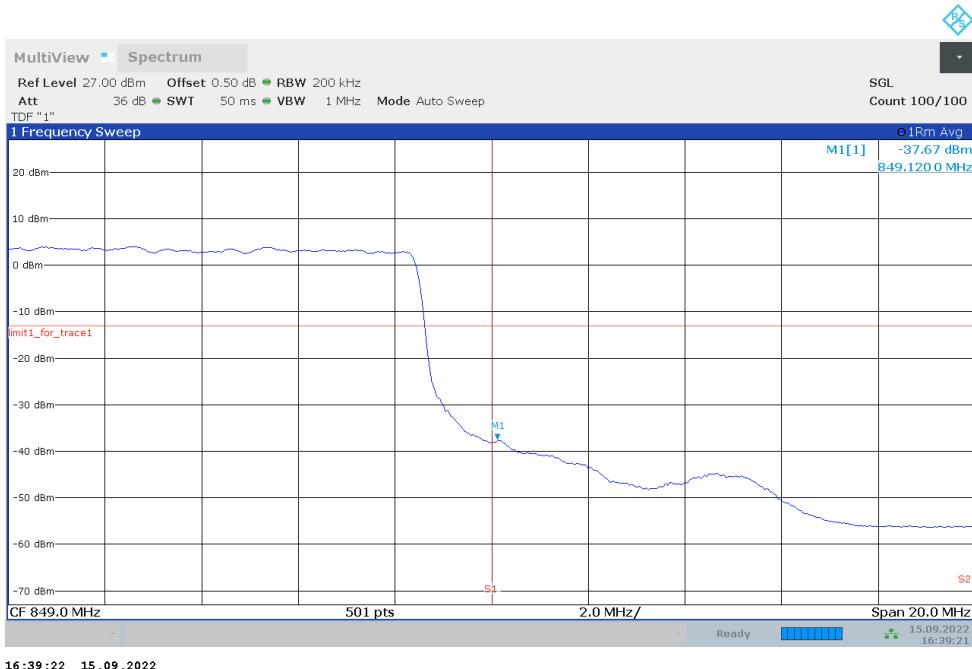
### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



## LOW BAND EDGE BLOCK-20M-100%RB

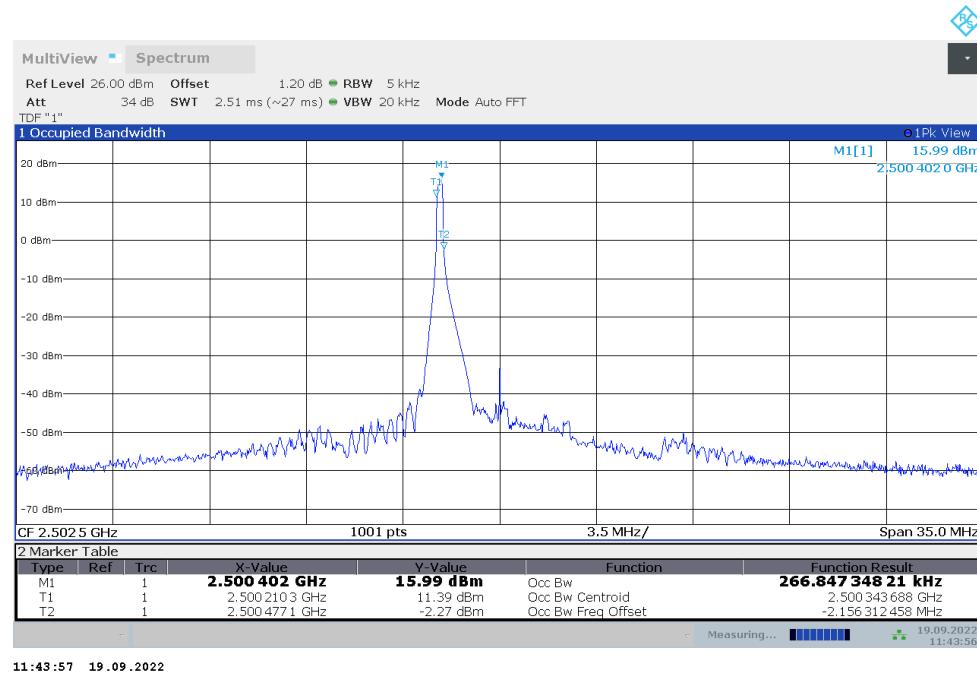


## HIGH BAND EDGE BLOCK-20M-100%RB

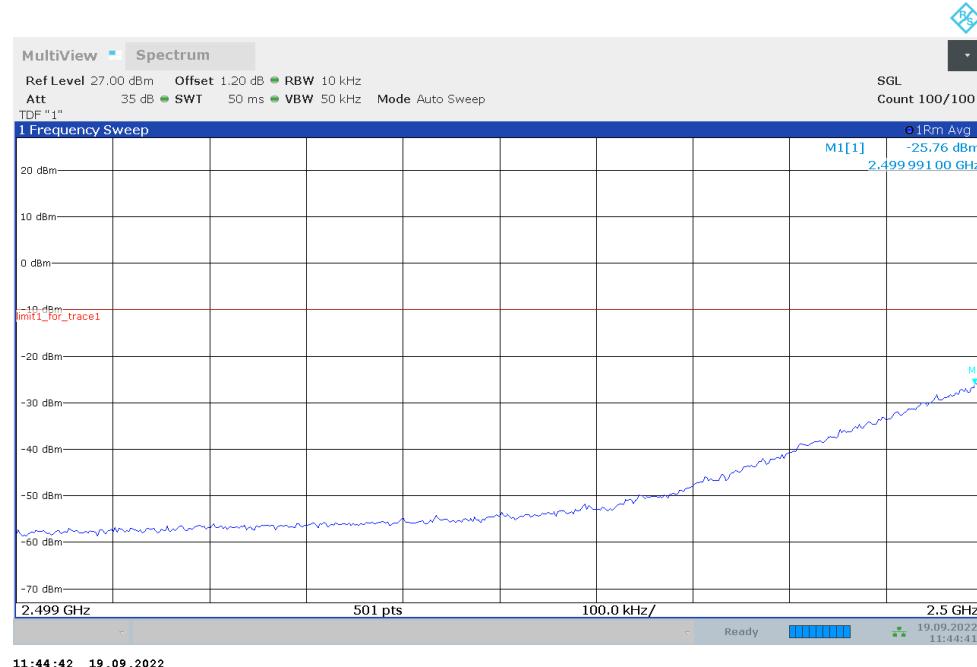


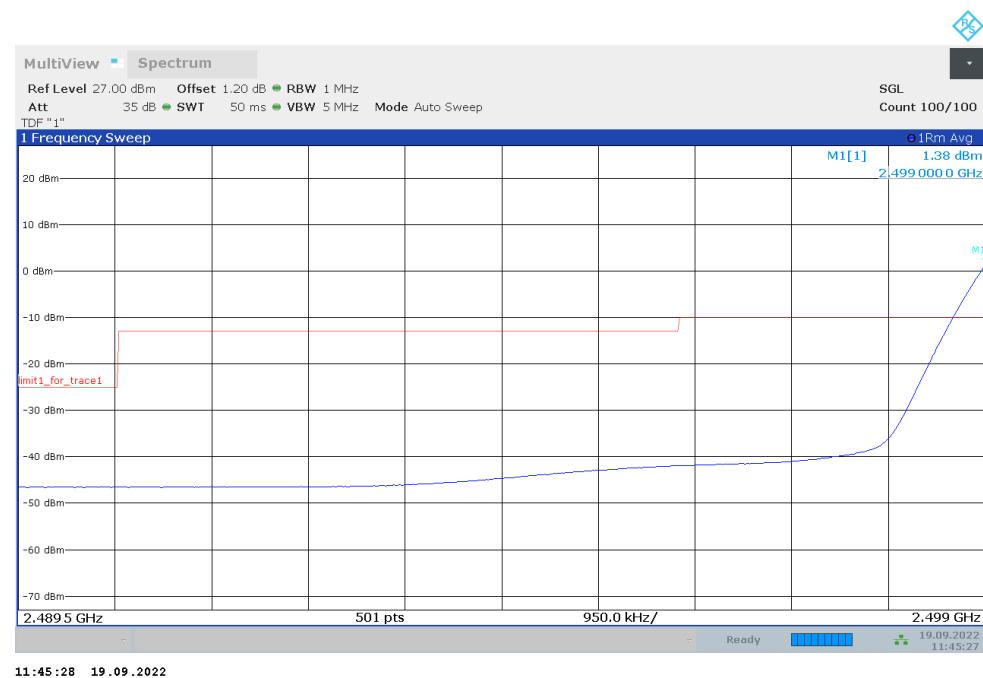
NR n7

OBW: 1RB-LOW\_offset

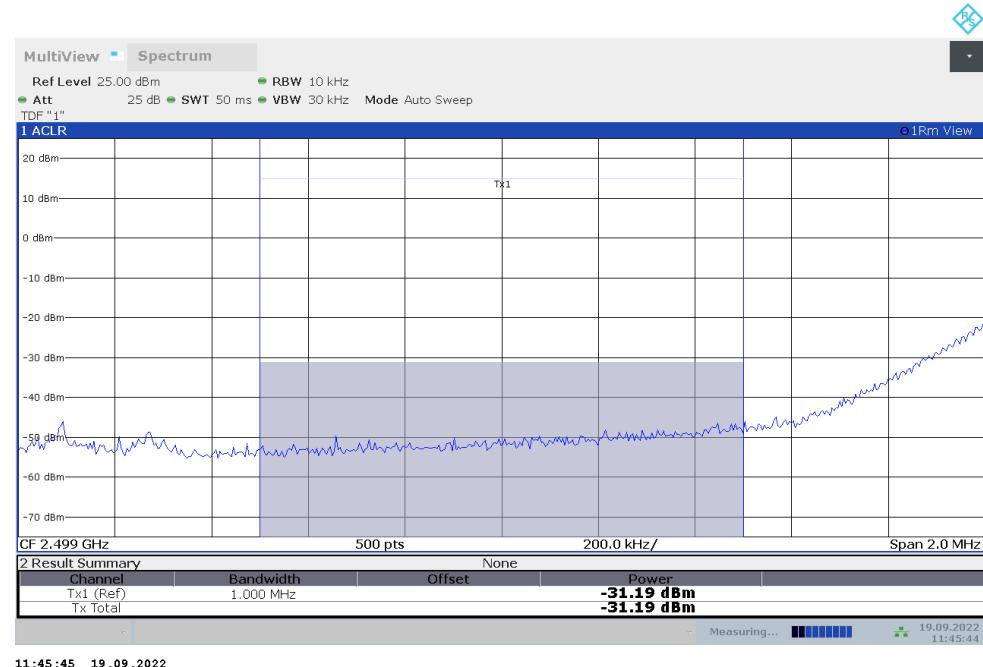


LOW BAND EDGE BLOCK-1RB-LOW\_offset

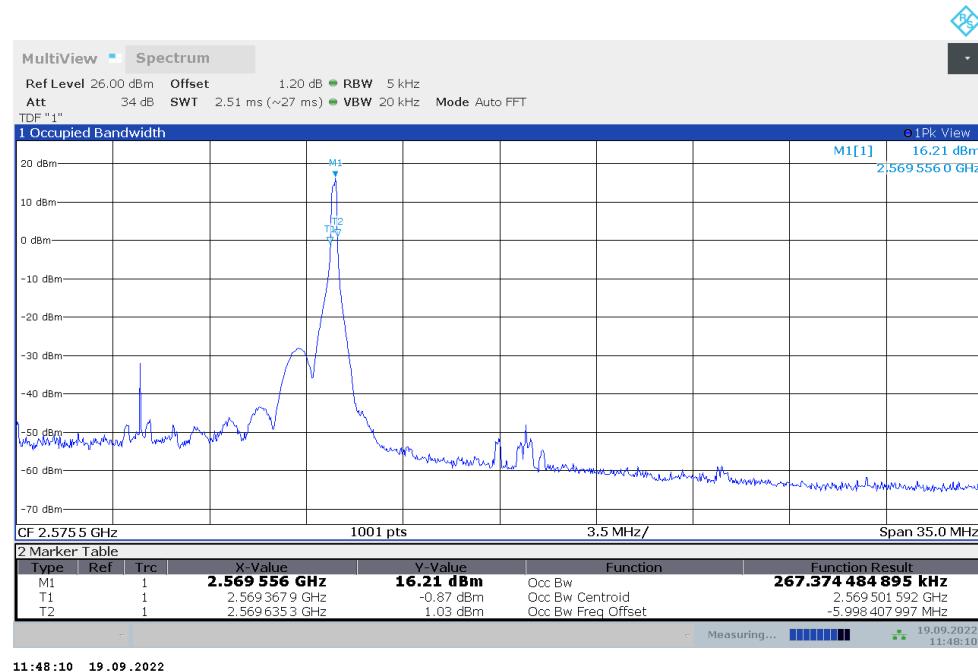




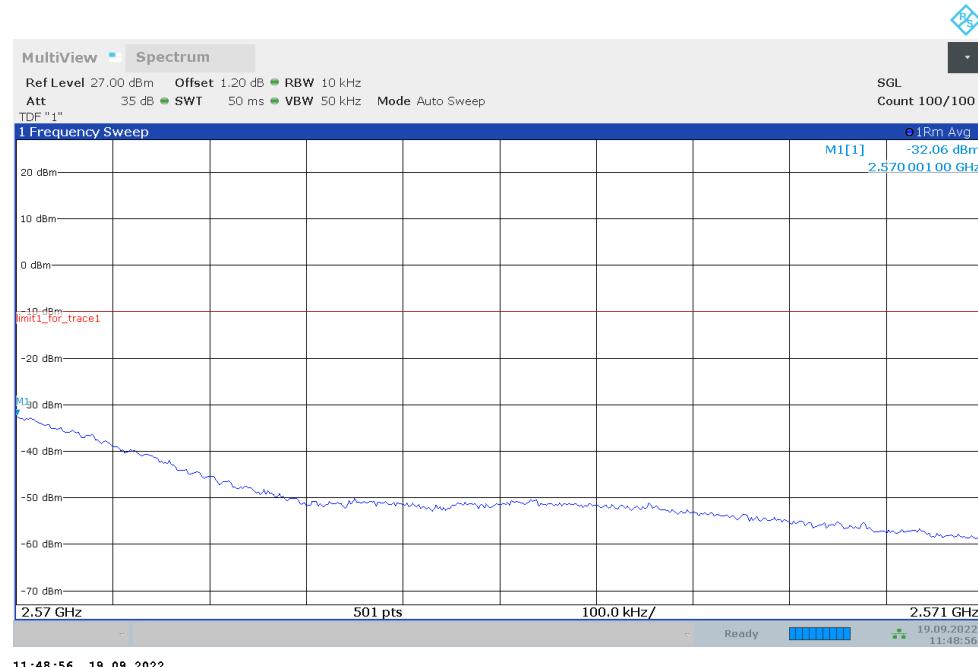
## Channel Power

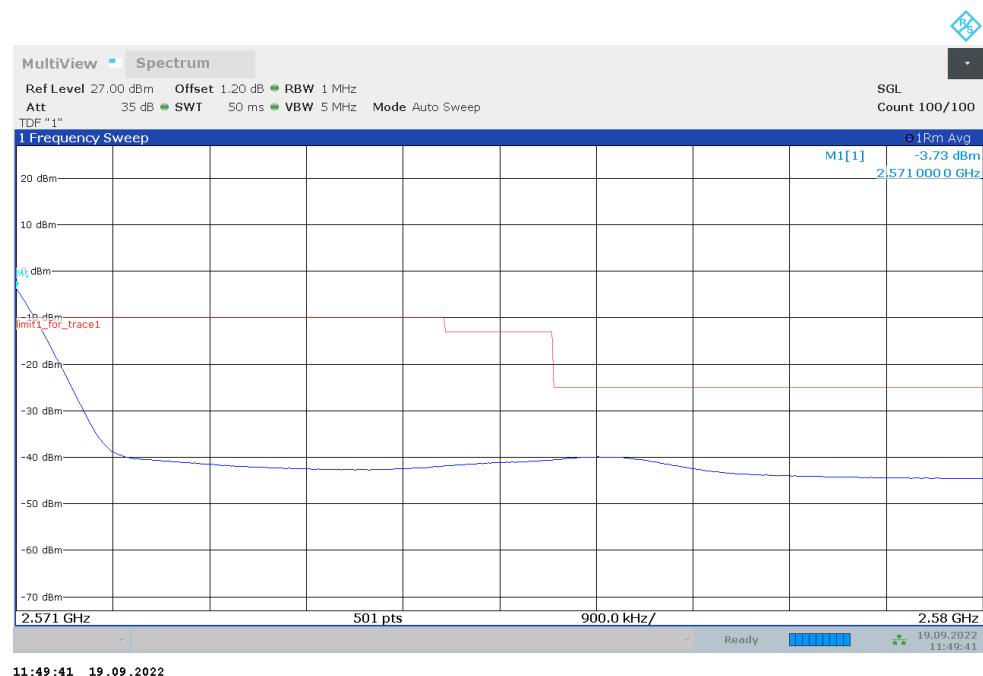


## OBW: 1RB-HIGH\_offset

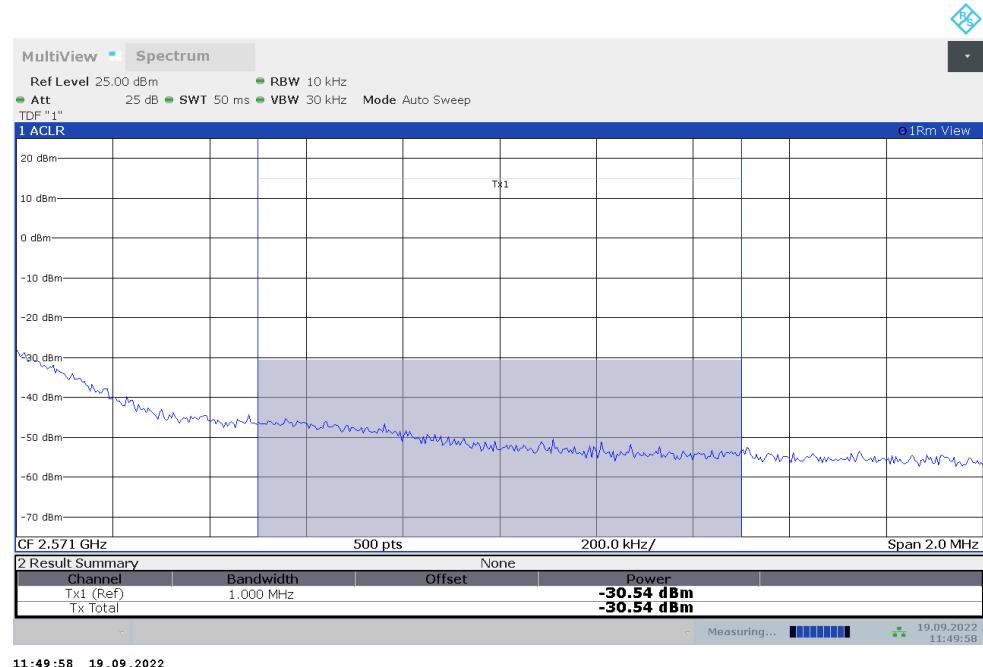


## HIGH BAND EDGE BLOCK-1RB-HIGH\_offset

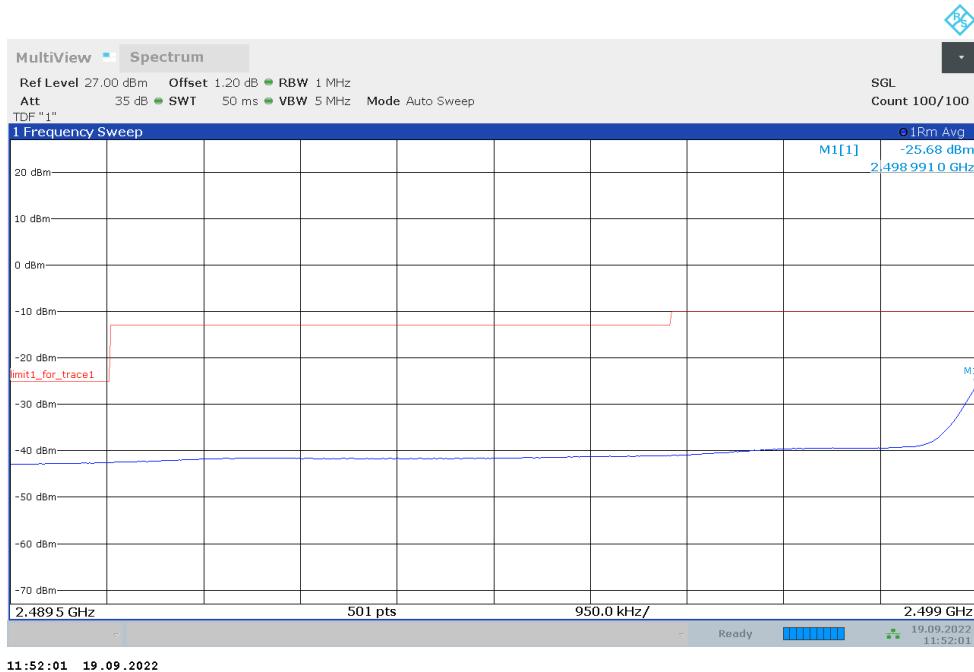
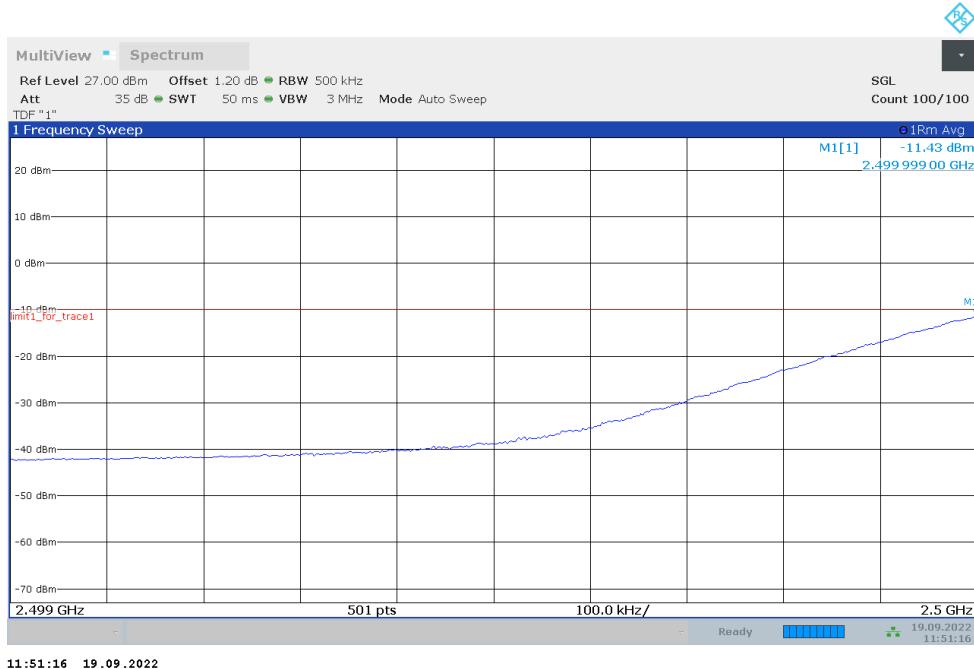




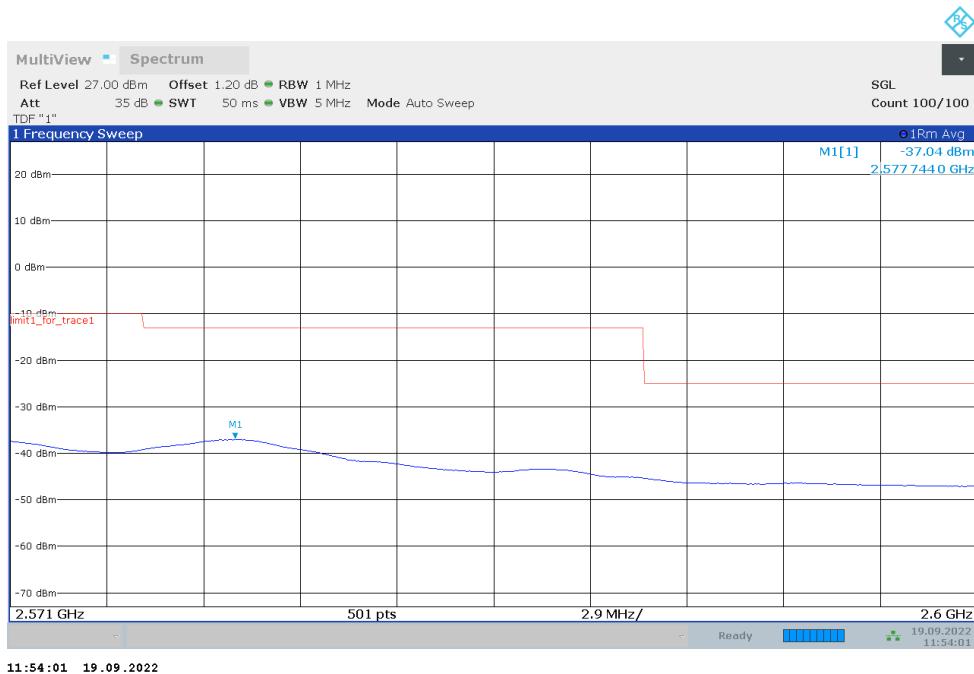
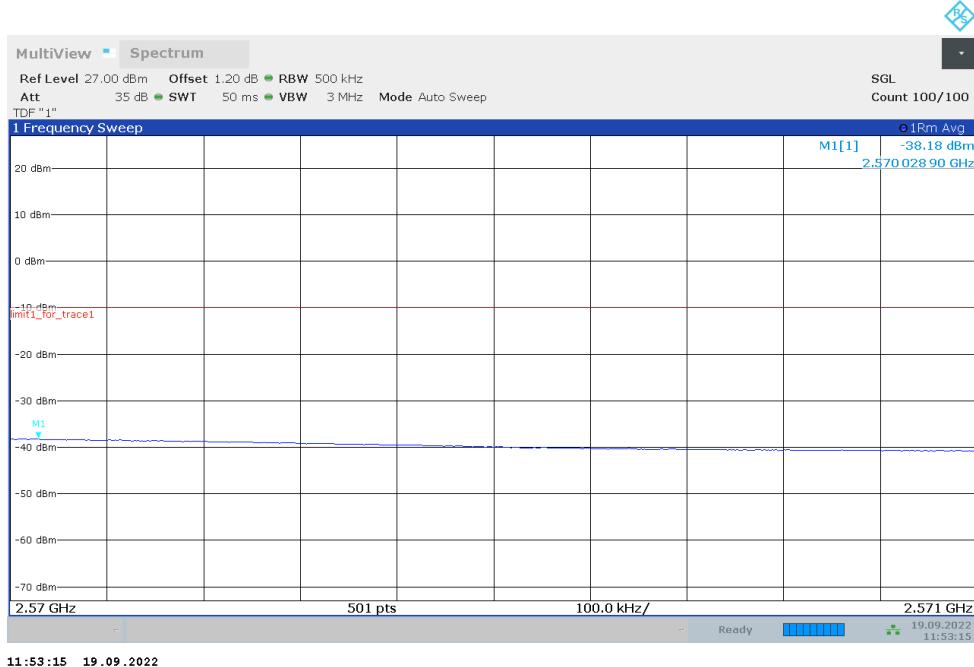
## Channel Power

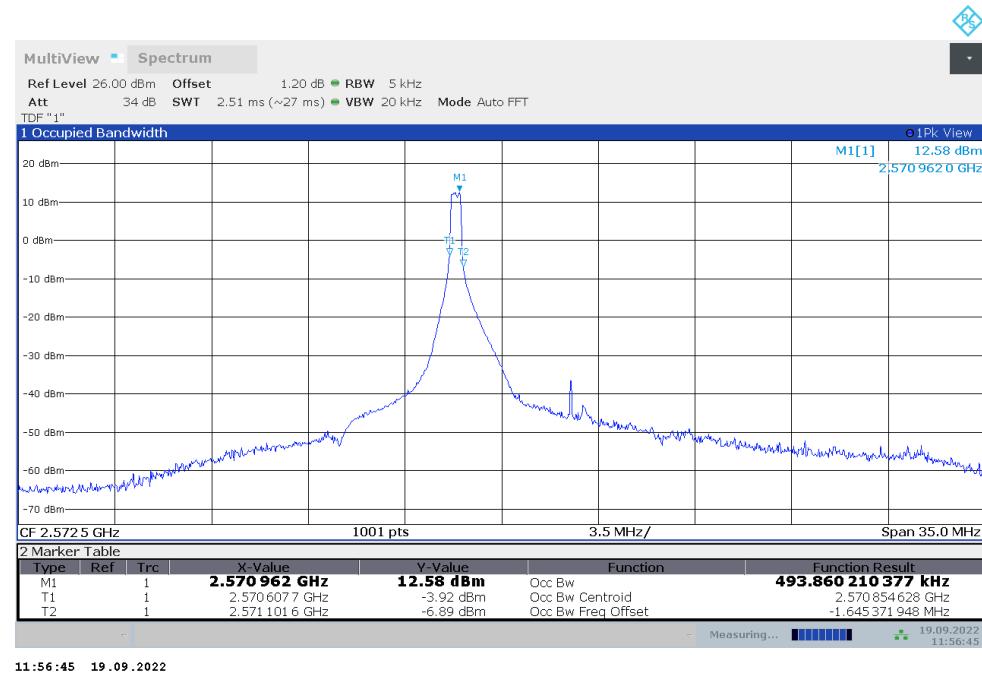
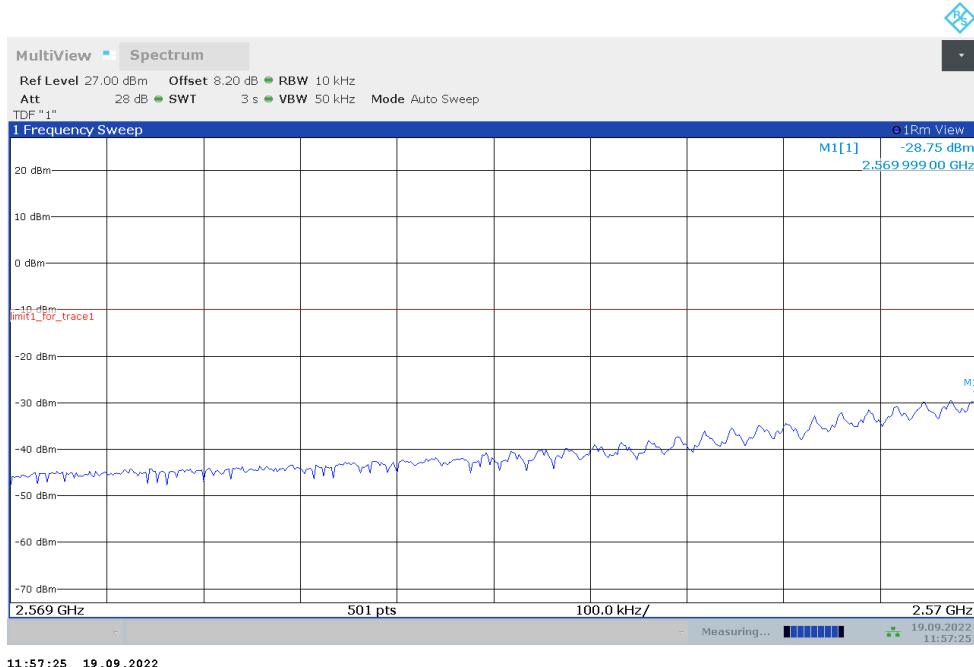


## LOW BAND EDGE BLOCK-20M-100%RB



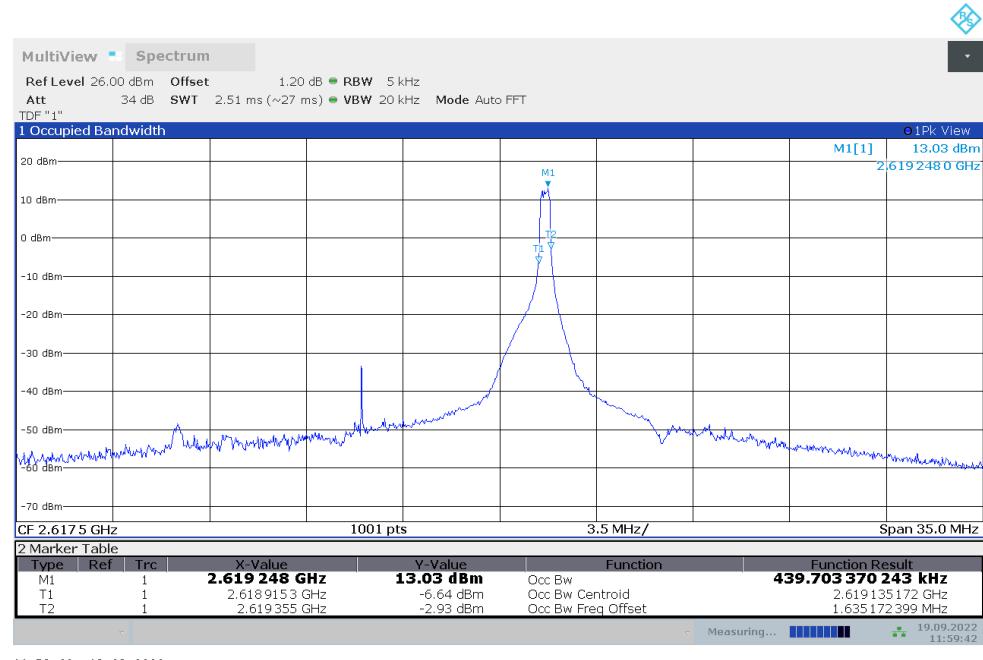
## HIGH BAND EDGE BLOCK-20M-100%RB



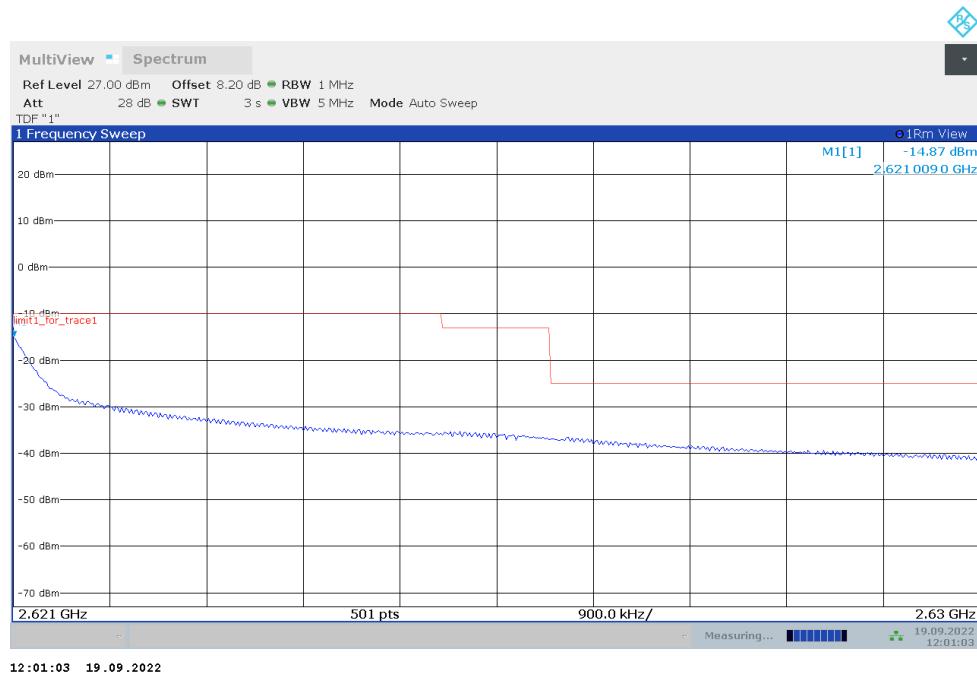
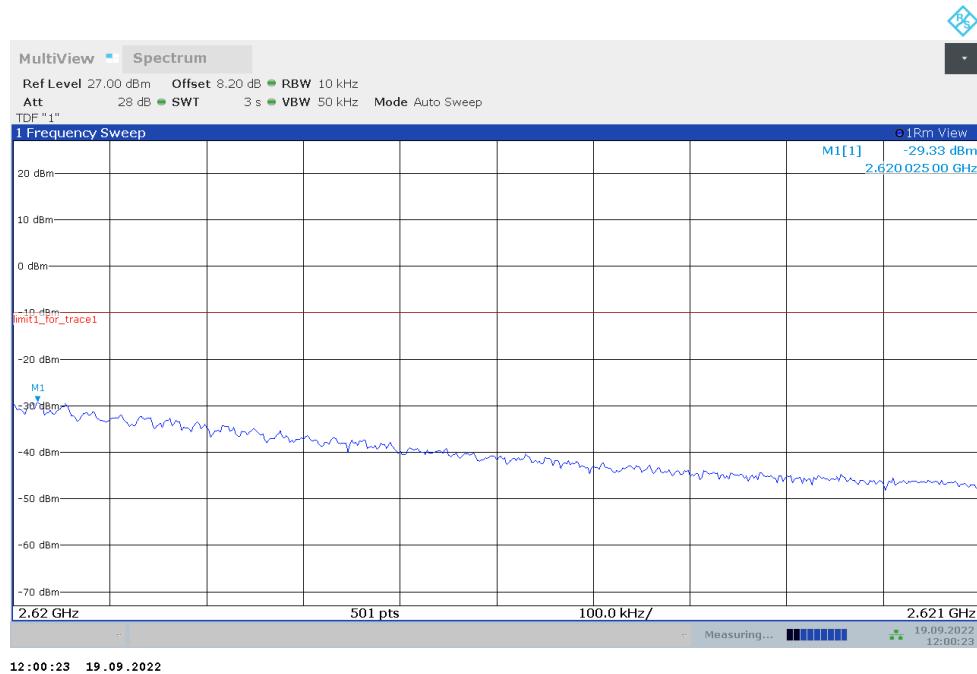
**NR n38**
**OBW: 1RB-LOW\_offset**

**LOW BAND EDGE BLOCK-1RB-LOW\_offset**




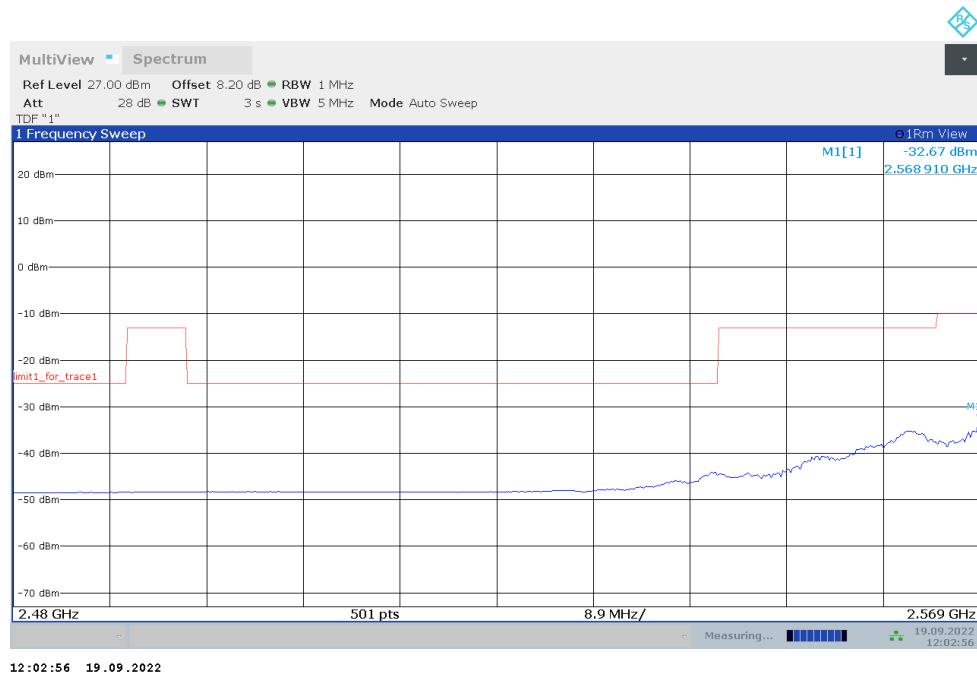
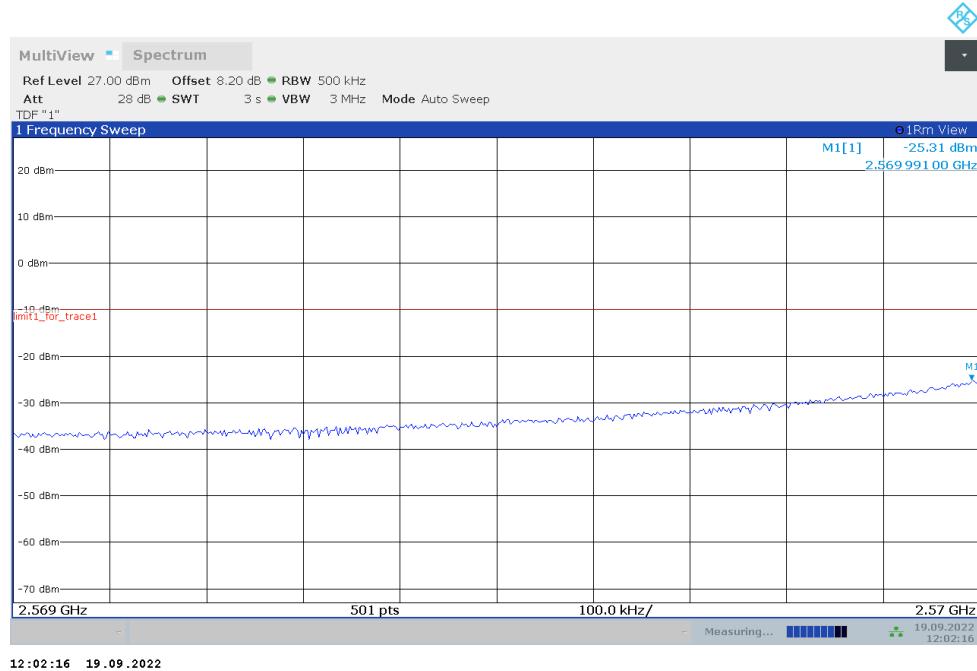
### OBW: 1RB-HIGH\_offset



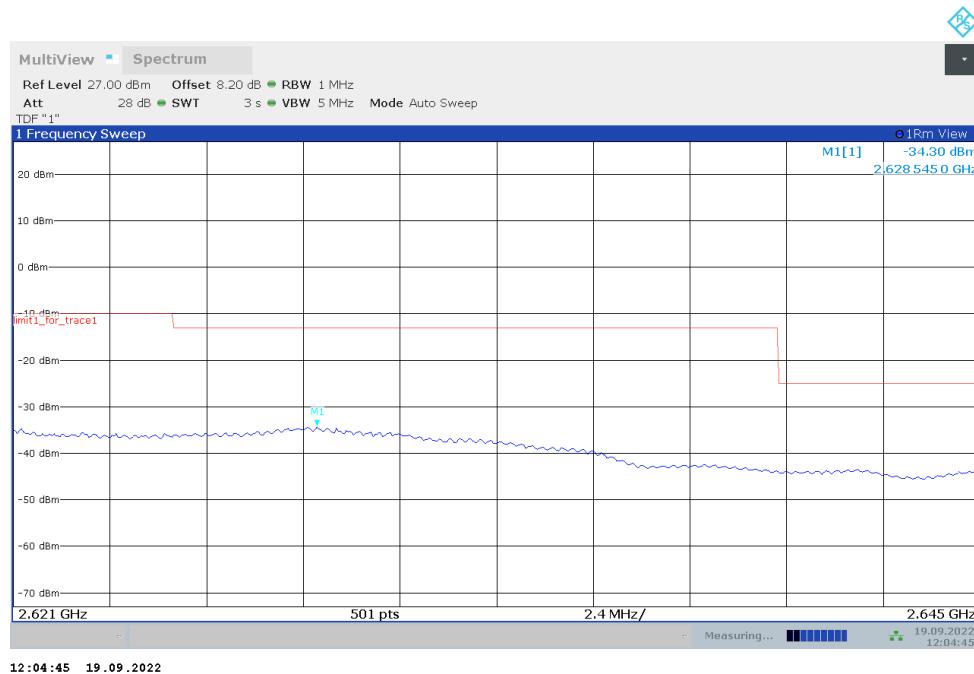
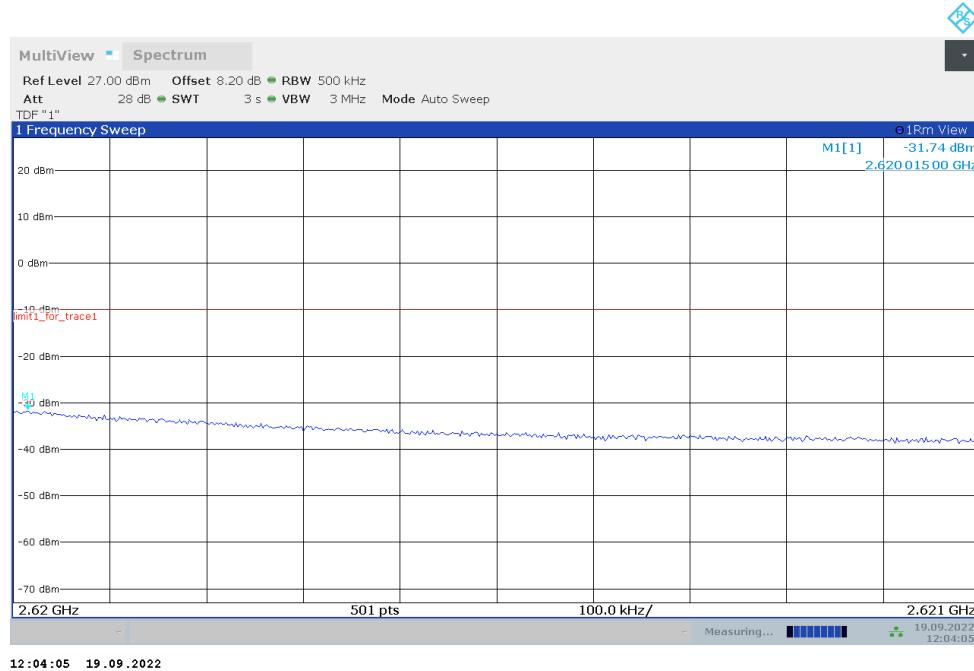
## HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



## LOW BAND EDGE BLOCK-20M-100%RB

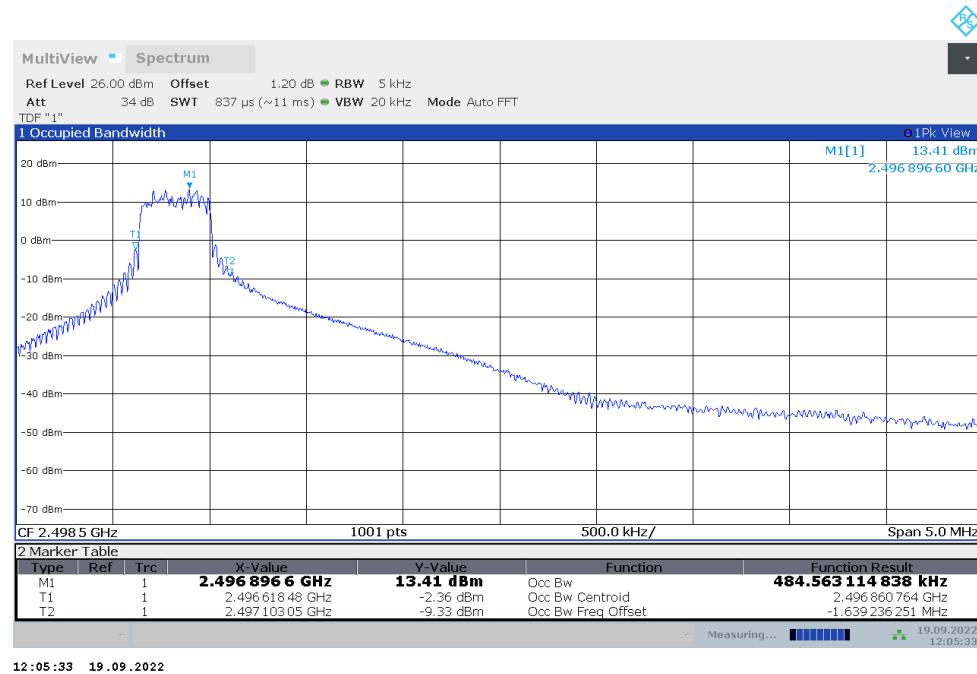


## HIGH BAND EDGE BLOCK-20M-100%RB

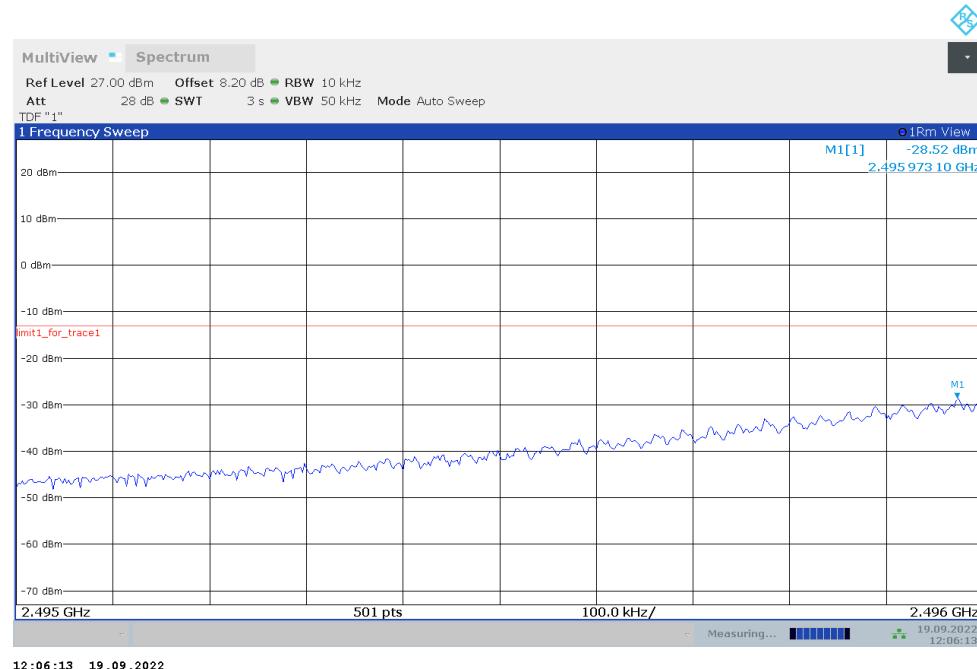


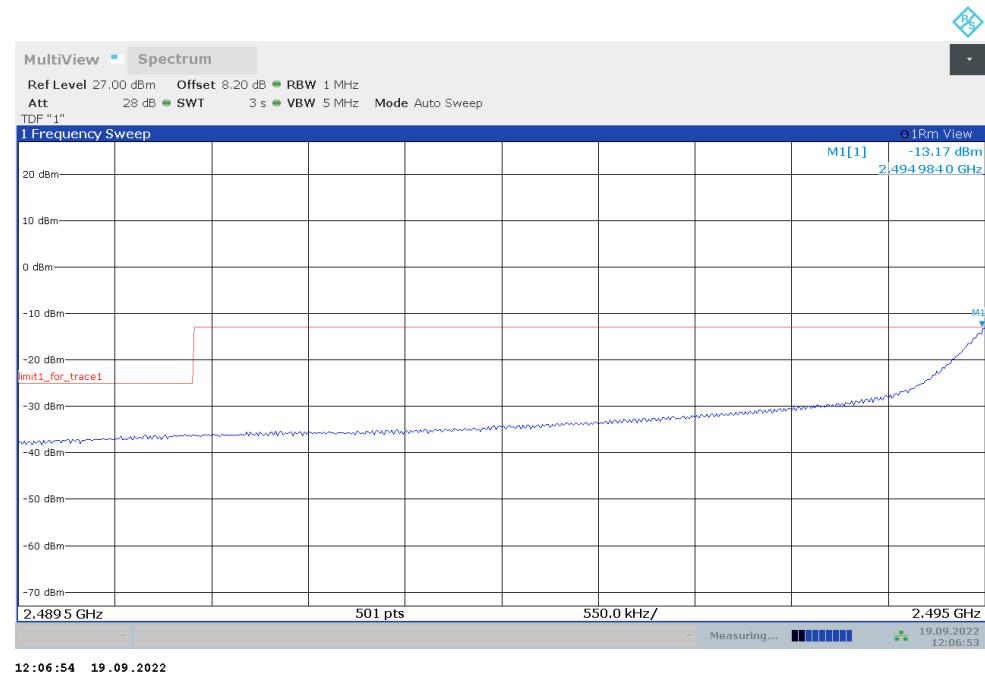
## NR n41

### OBW: 1RB-LOW\_offset

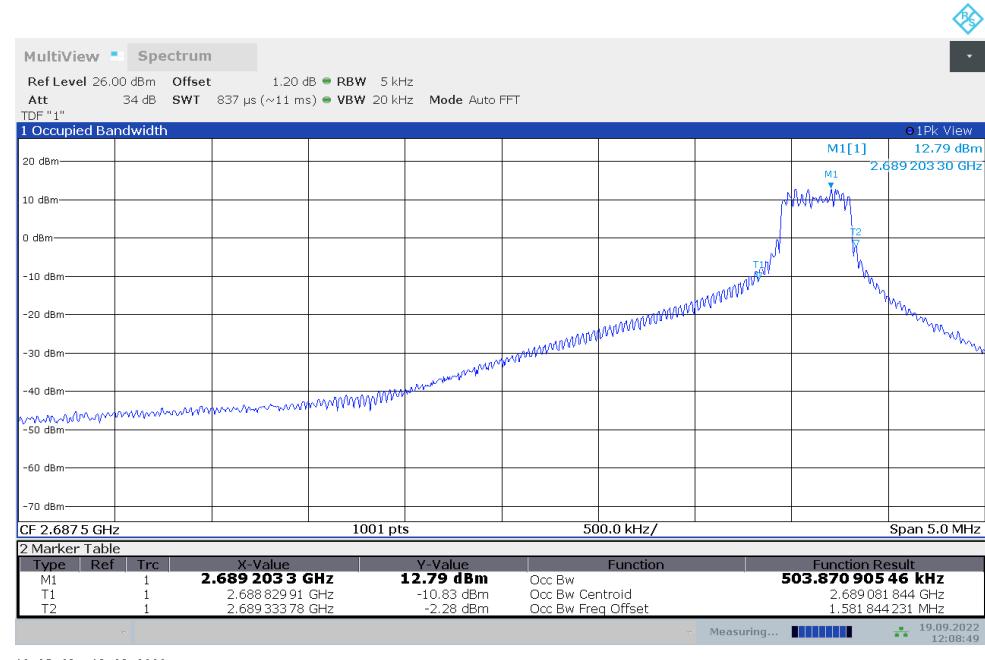


### LOW BAND EDGE BLOCK-1RB-LOW\_offset

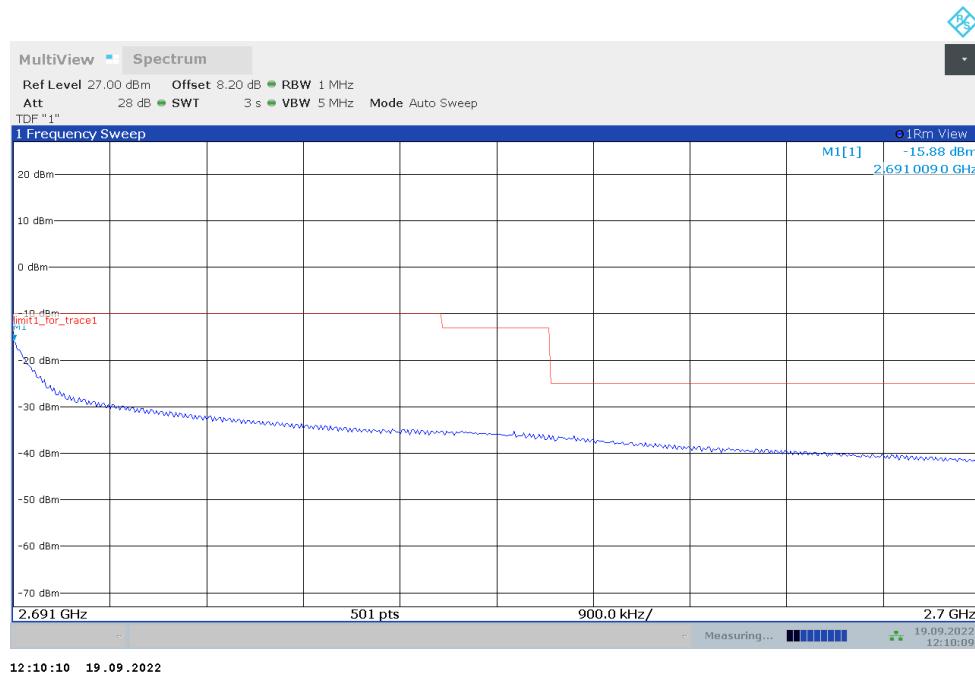
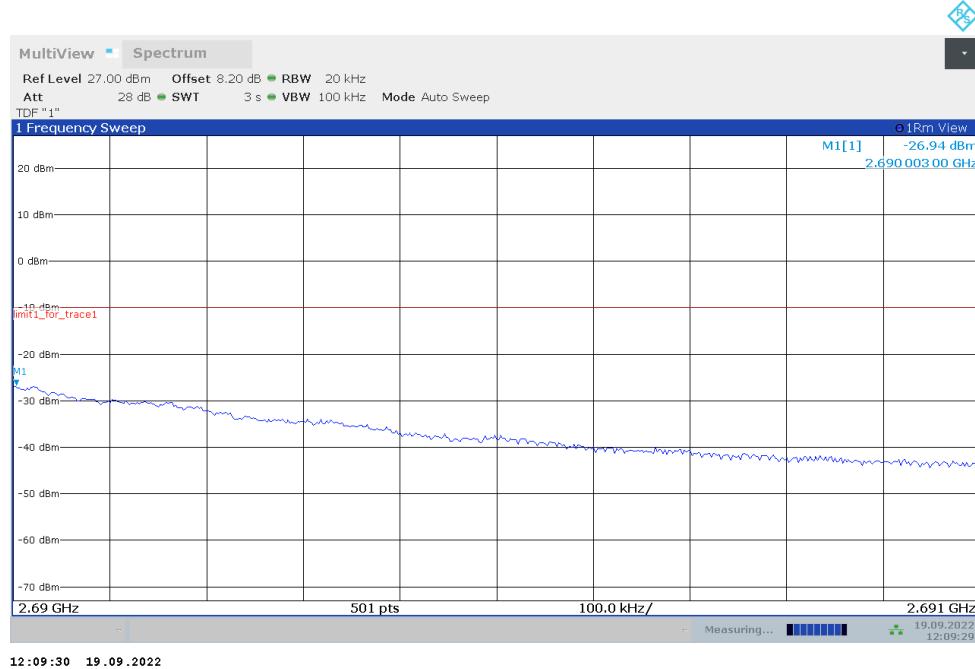




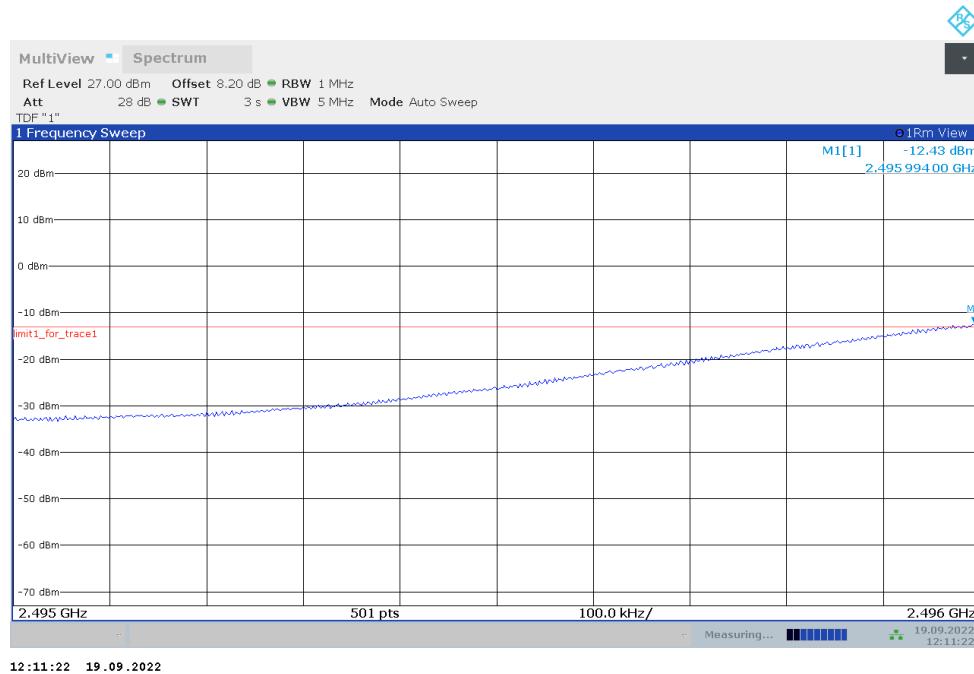
## OBW: 1RB-HIGH\_offset



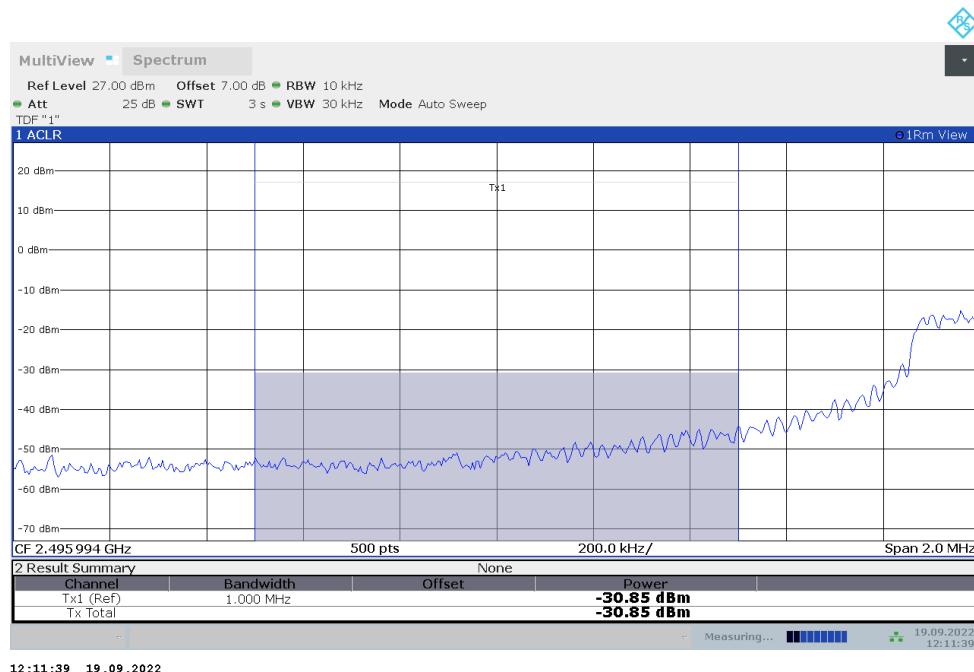
## HIGH BAND EDGE BLOCK-1RB-HIGH\_offset

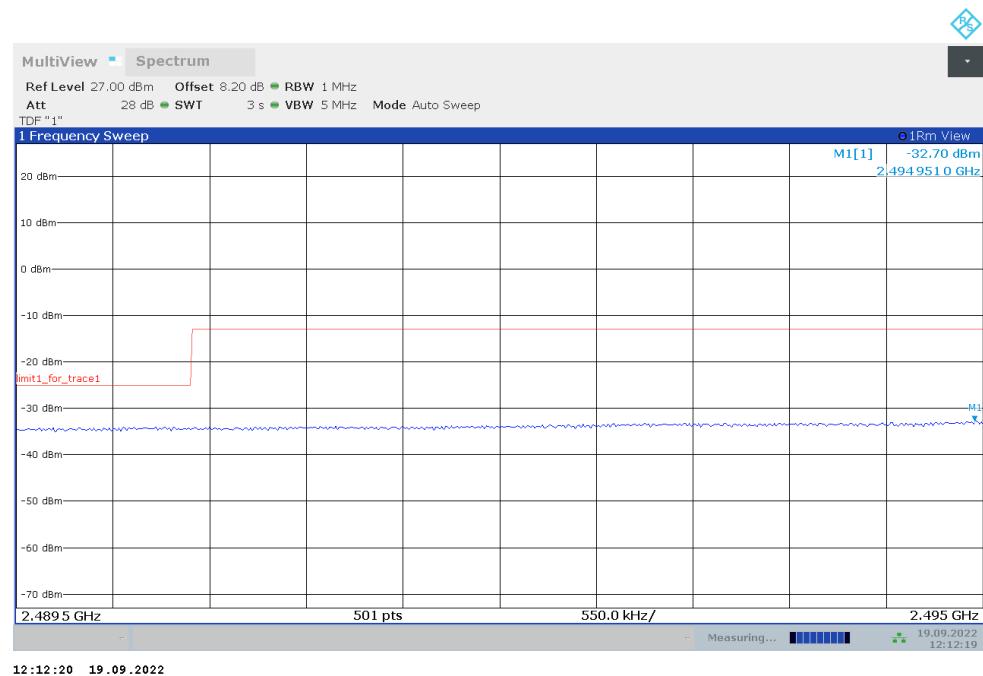


## LOW BAND EDGE BLOCK-100M-100%RB

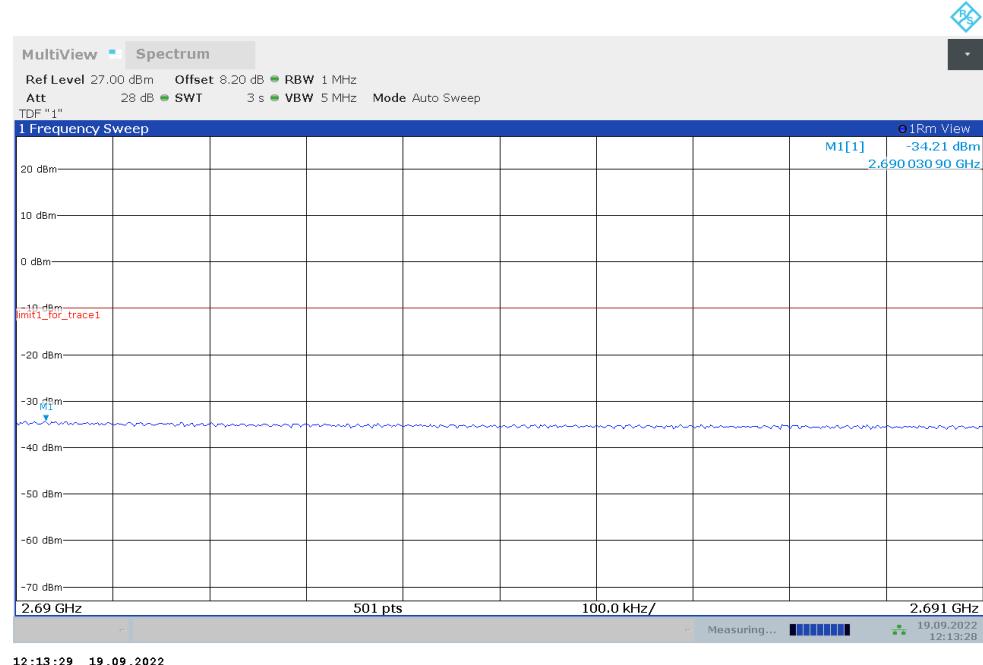


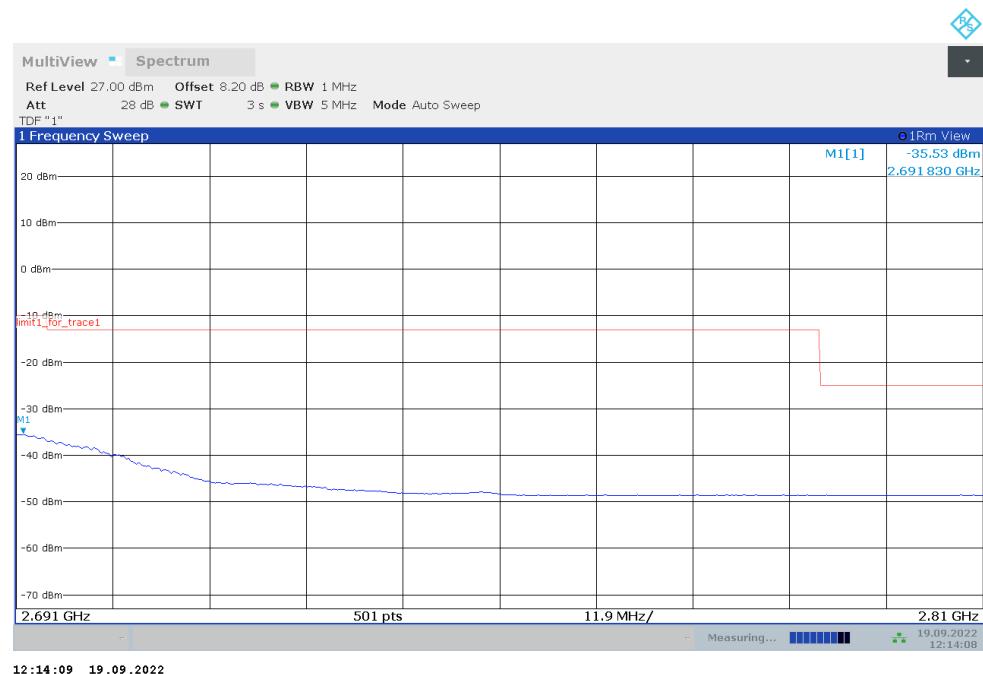
## Channel Power

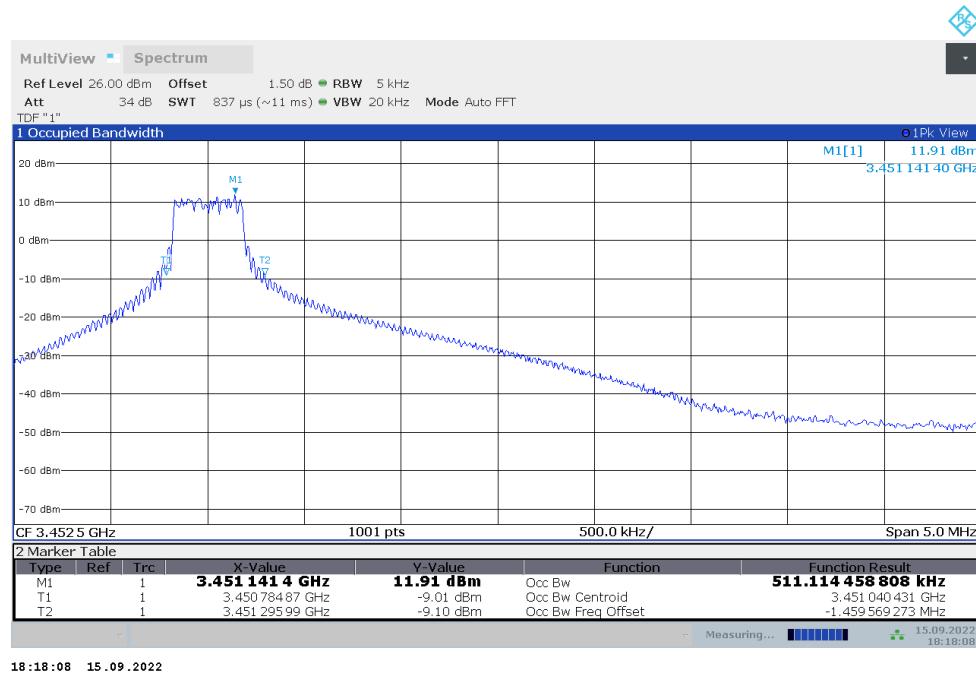
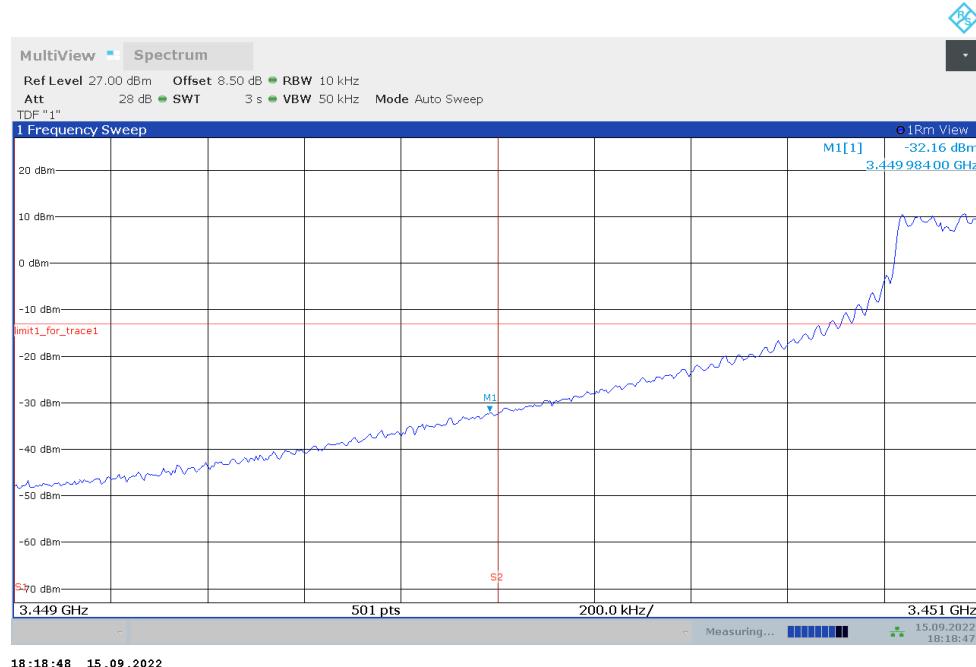


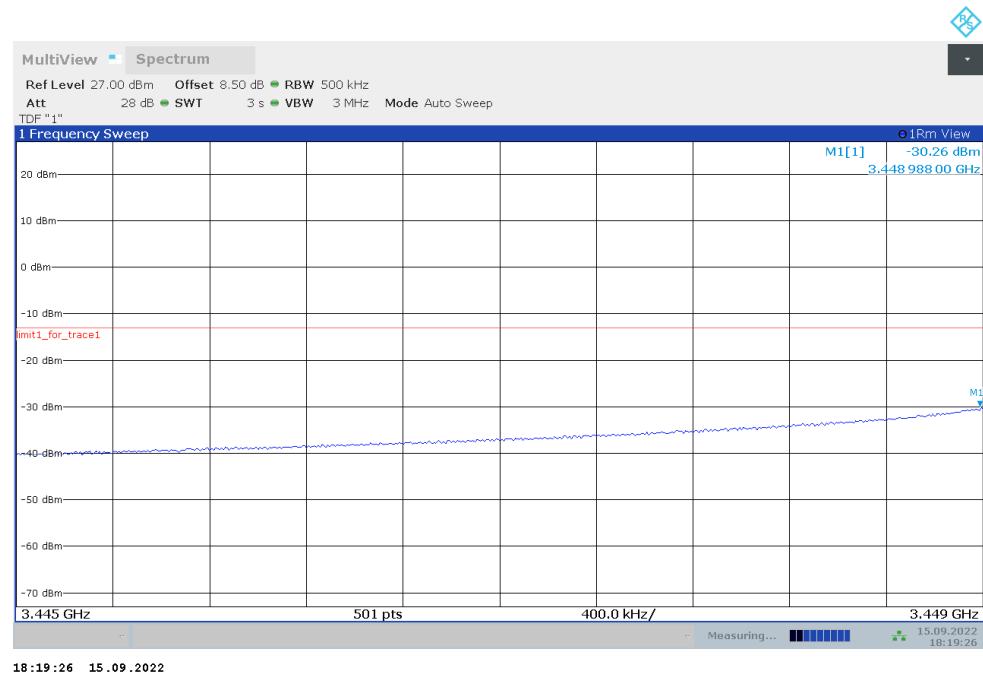


## HIGH BAND EDGE BLOCK-100M-100%RB

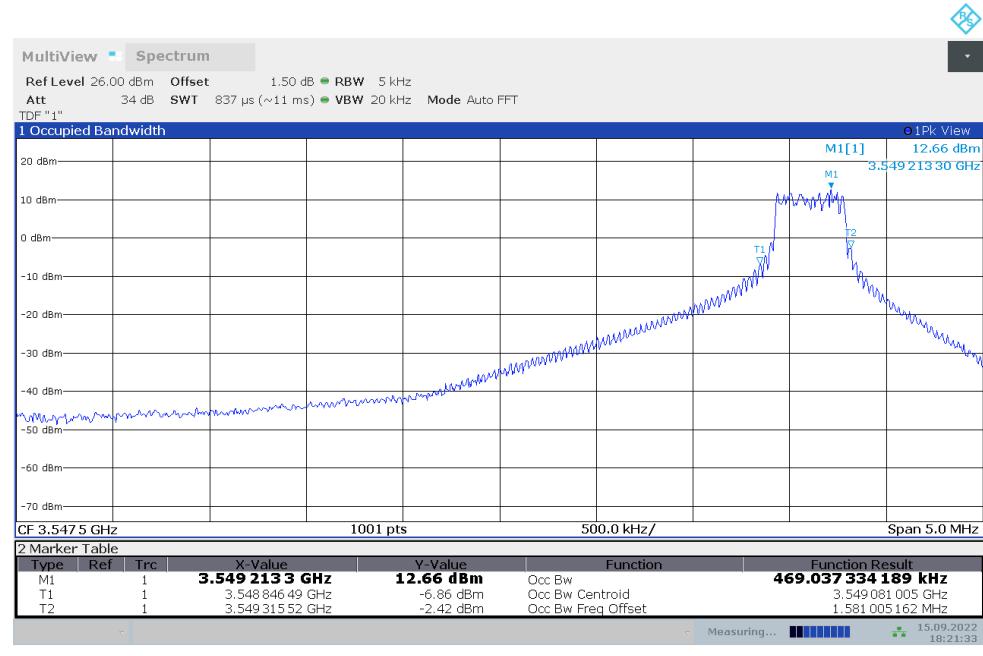




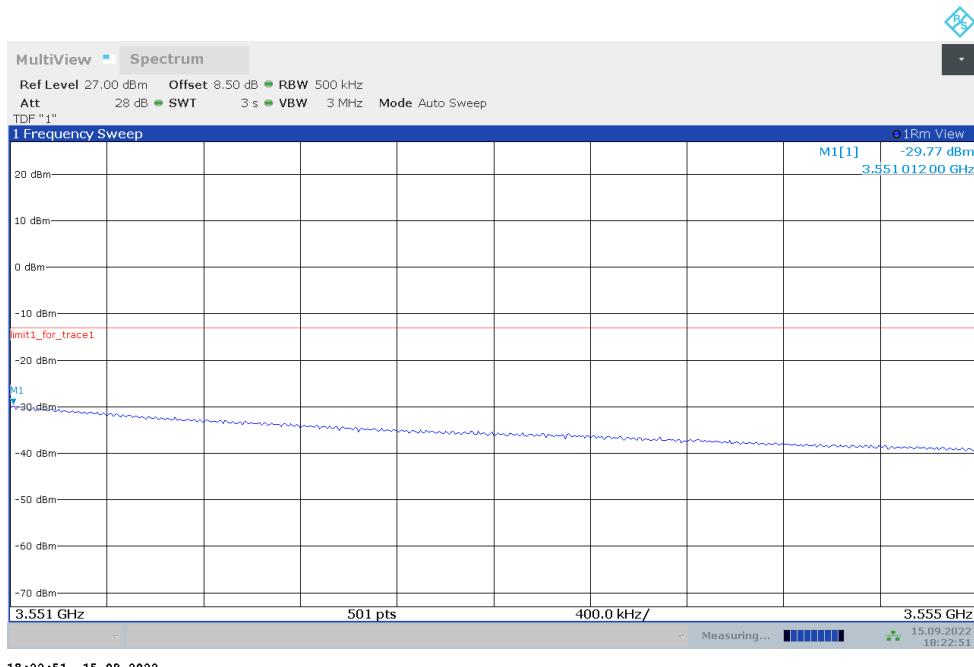
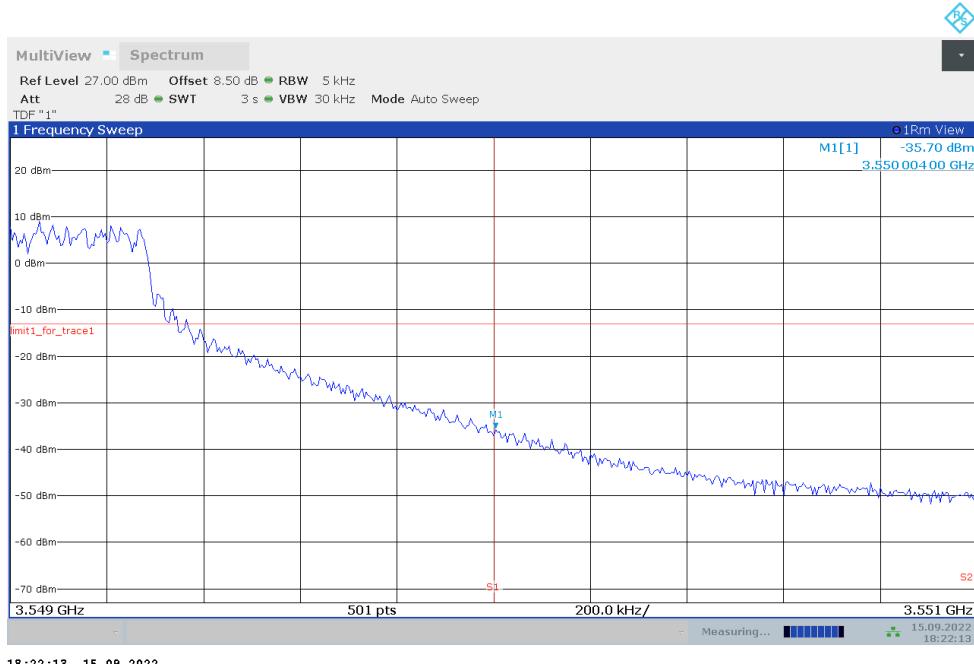
**NR n77L**
**OBW: 1RB-LOW\_offset**

**LOW BAND EDGE BLOCK-1RB-LOW\_offset**




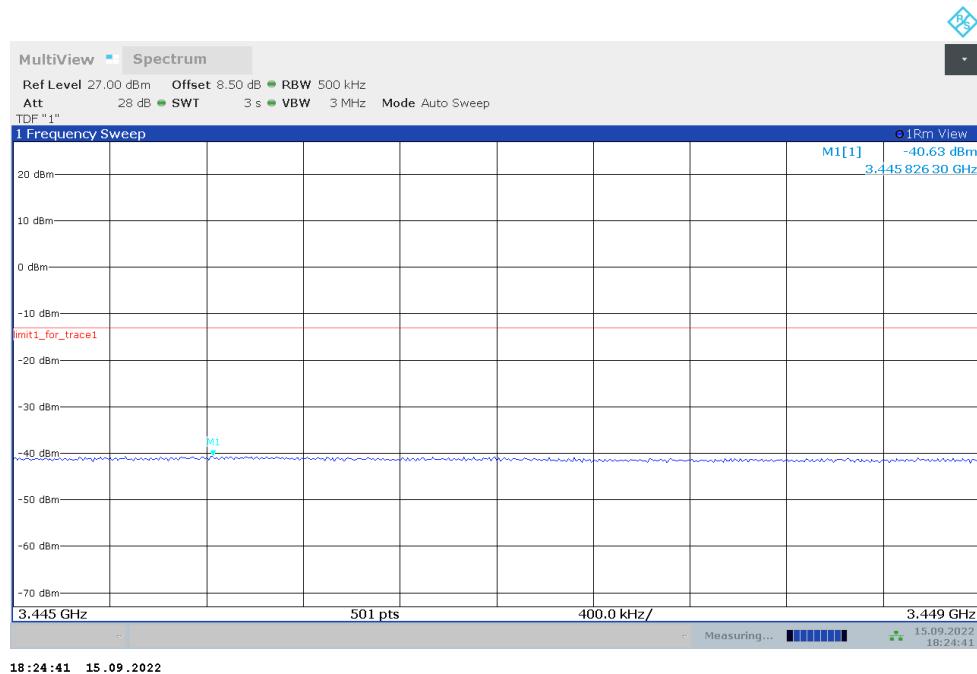
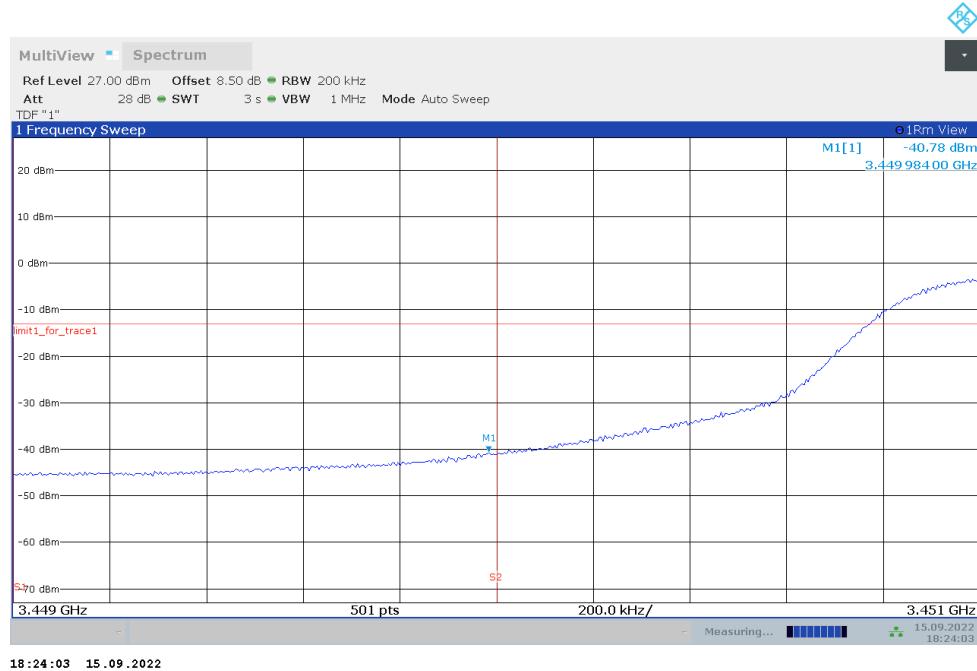
## OBW: 1RB-HIGH\_offset



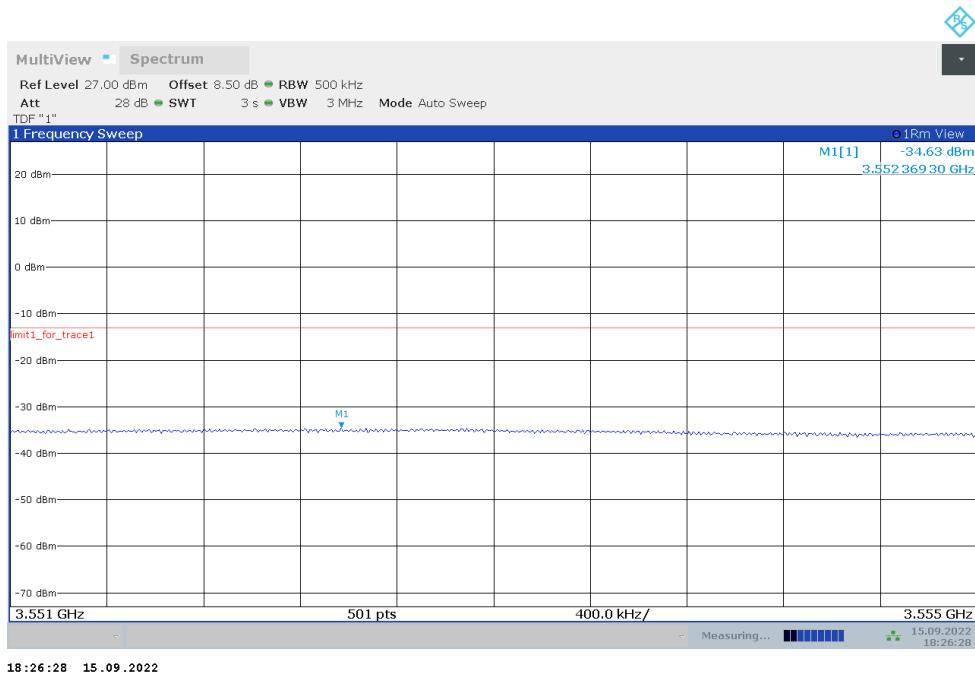
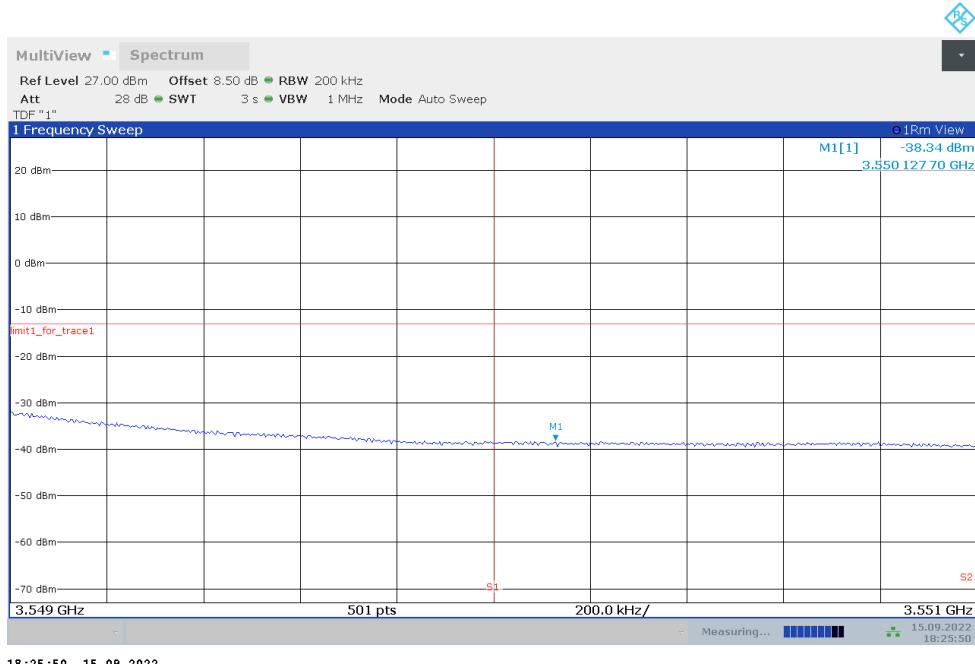
## HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



## LOW BAND EDGE BLOCK-90M-100%RB

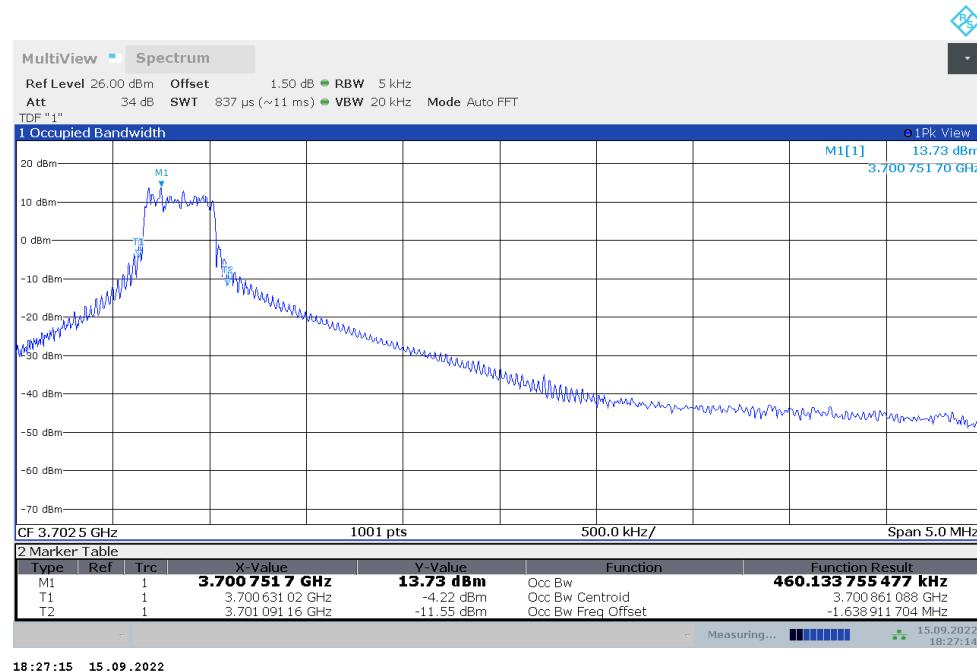


## HIGH BAND EDGE BLOCK-90M-100%RB

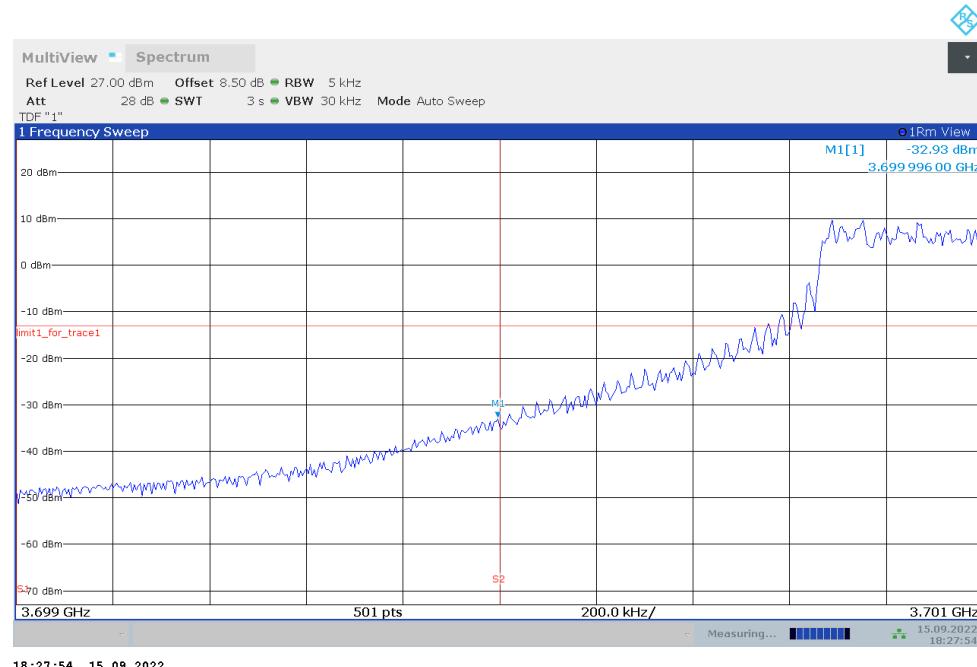


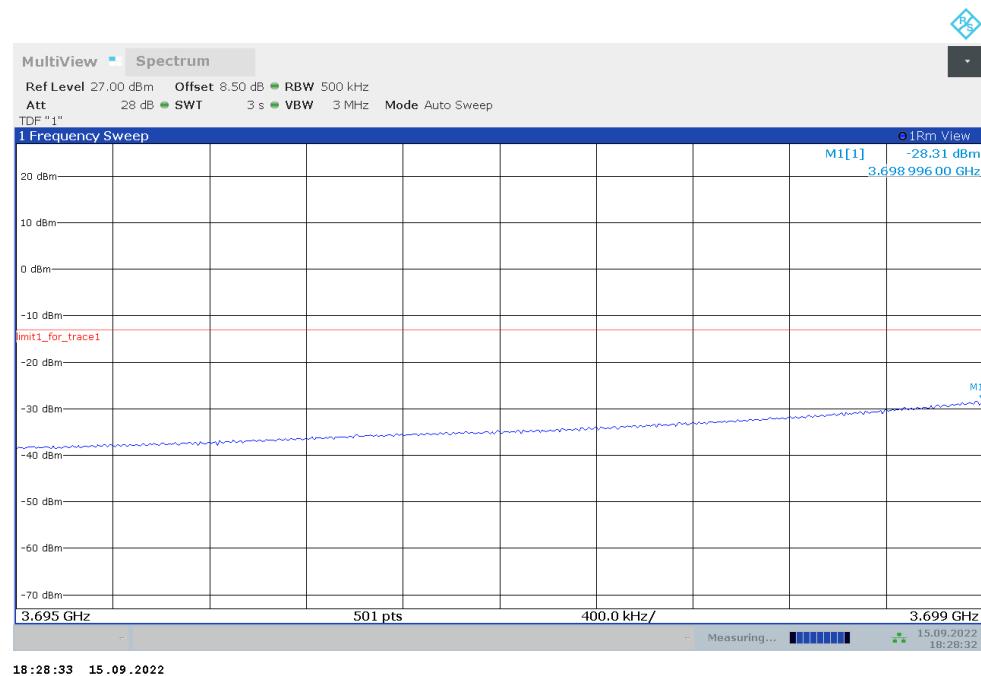
## NR n77H

### OBW: 1RB-LOW\_offset



### LOW BAND EDGE BLOCK-1RB-LOW\_offset





### OBW: 1RB-HIGH\_offset

