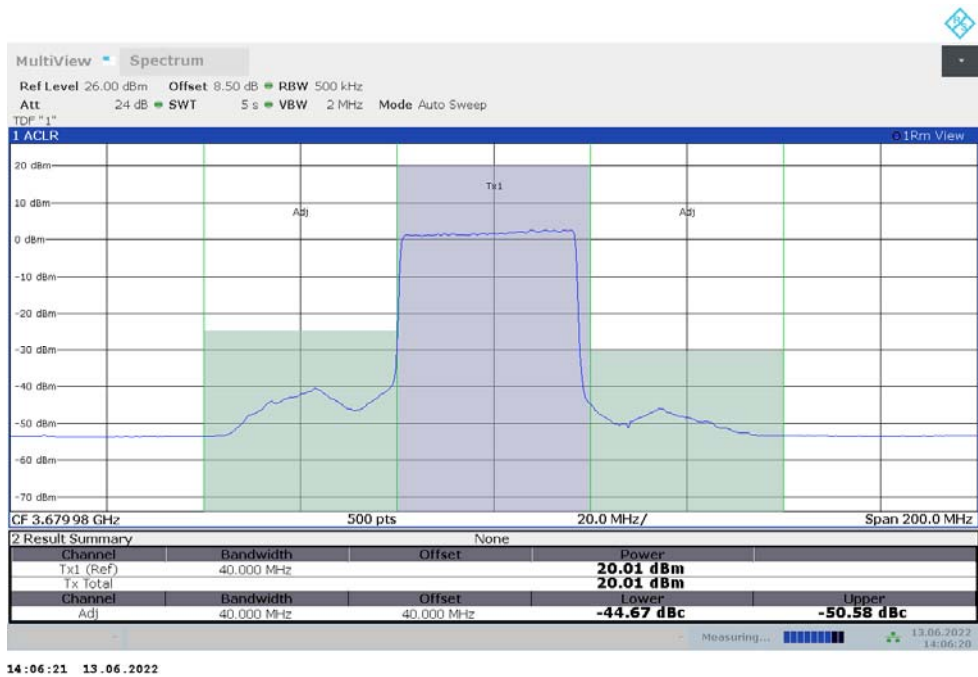
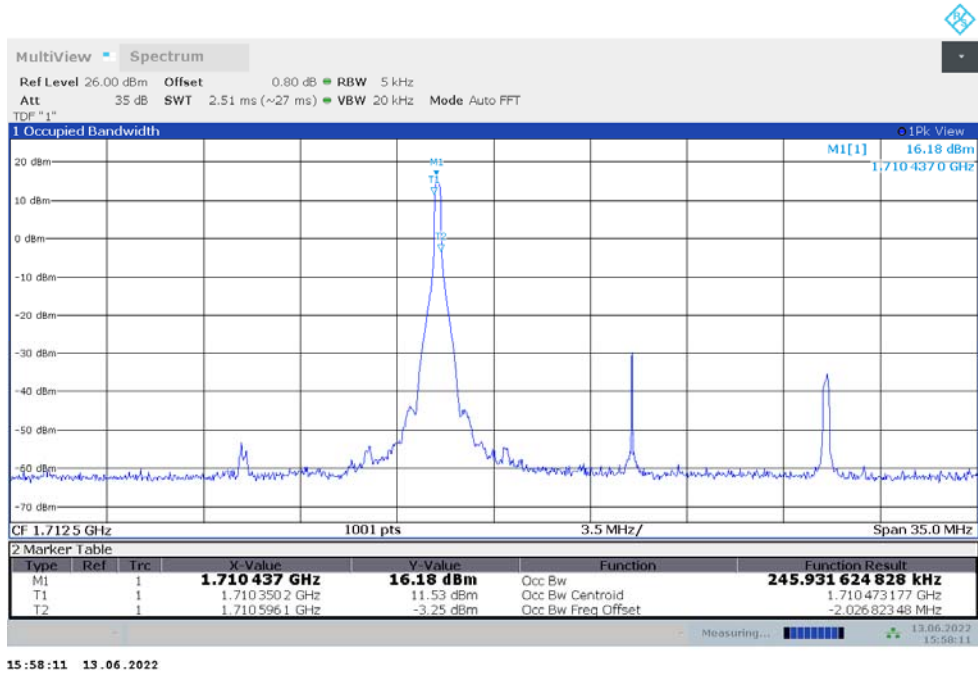


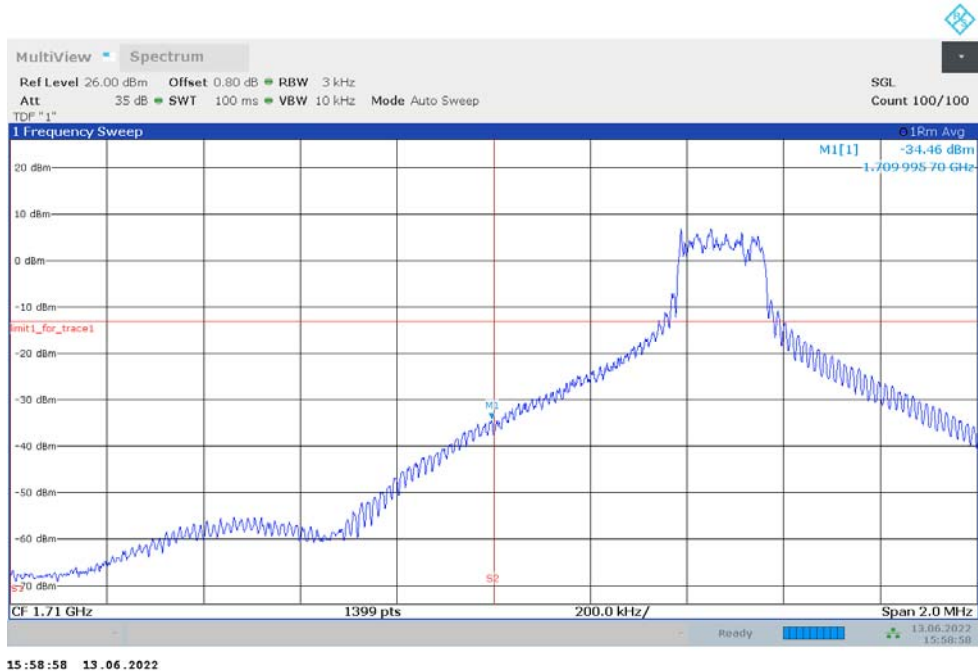
### ACLR



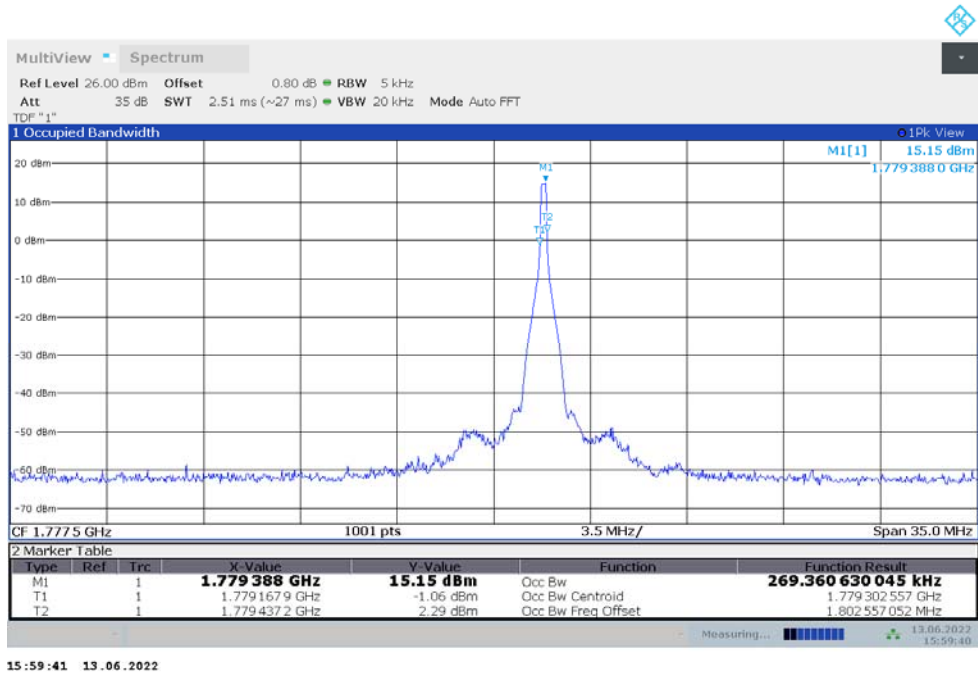
NR band 66@CA\_48A-66A  
 OBW: 1RB-LOW\_offset



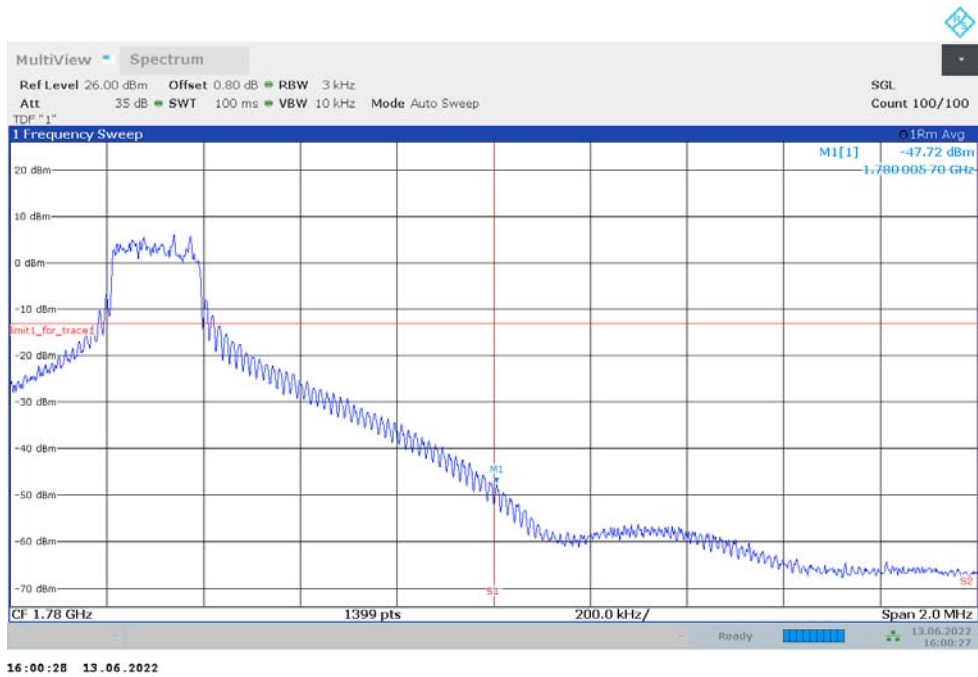
LOW BAND EDGE BLOCK-1RB-LOW\_offset



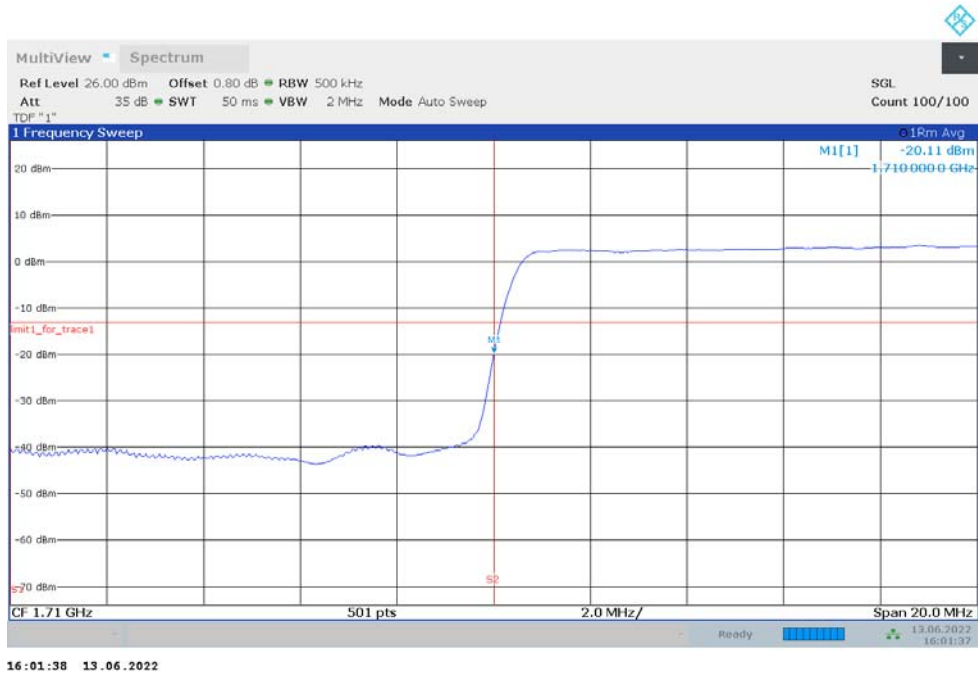
### OBW: 1RB-HIGH\_offset



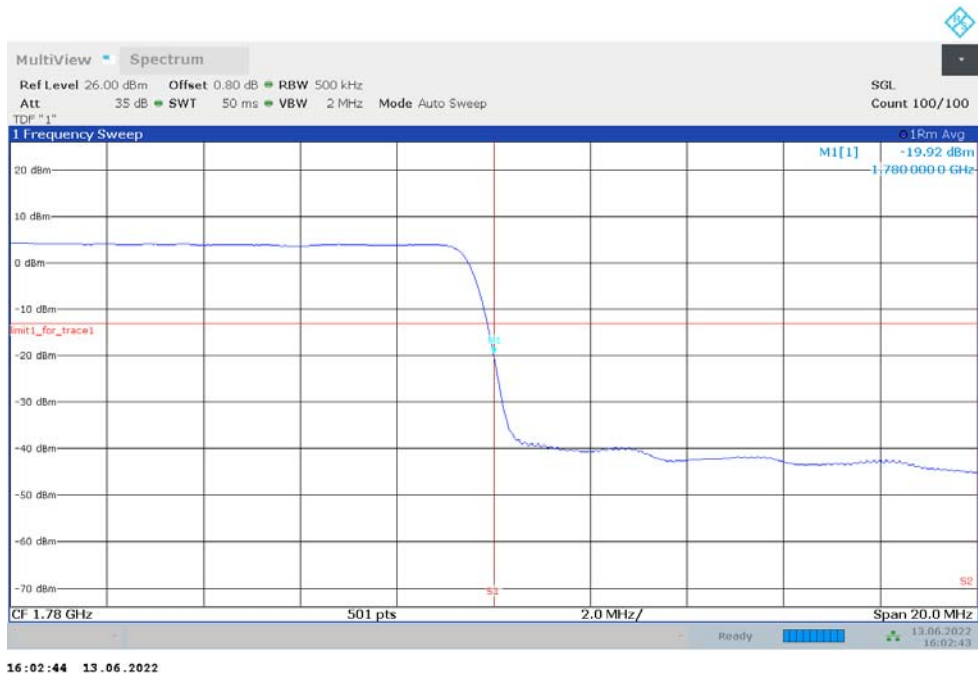
### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



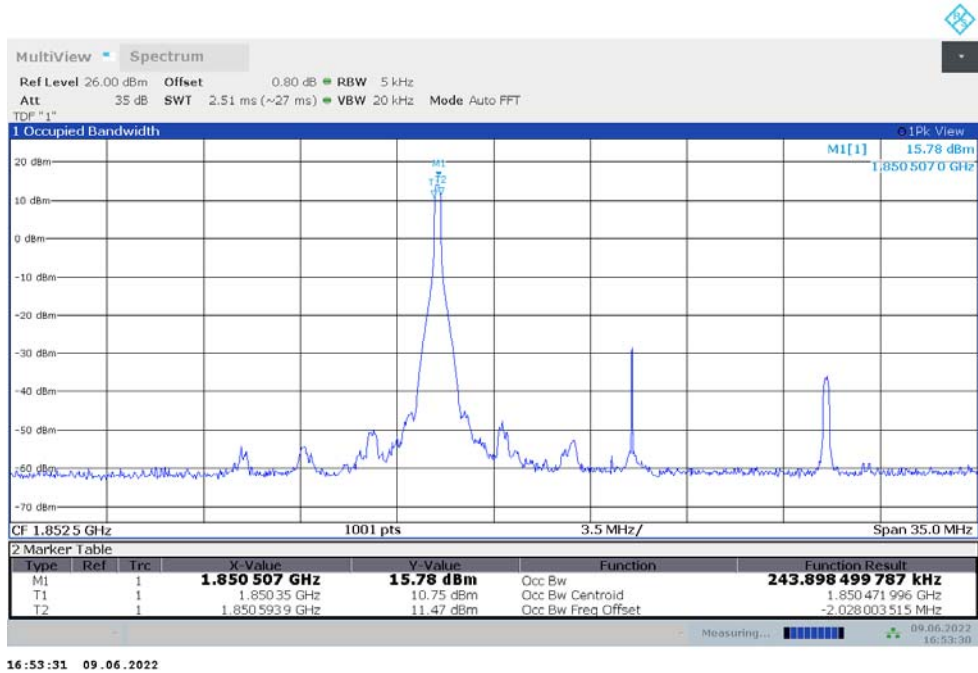
### LOW BAND EDGE BLOCK-40M-100%RB



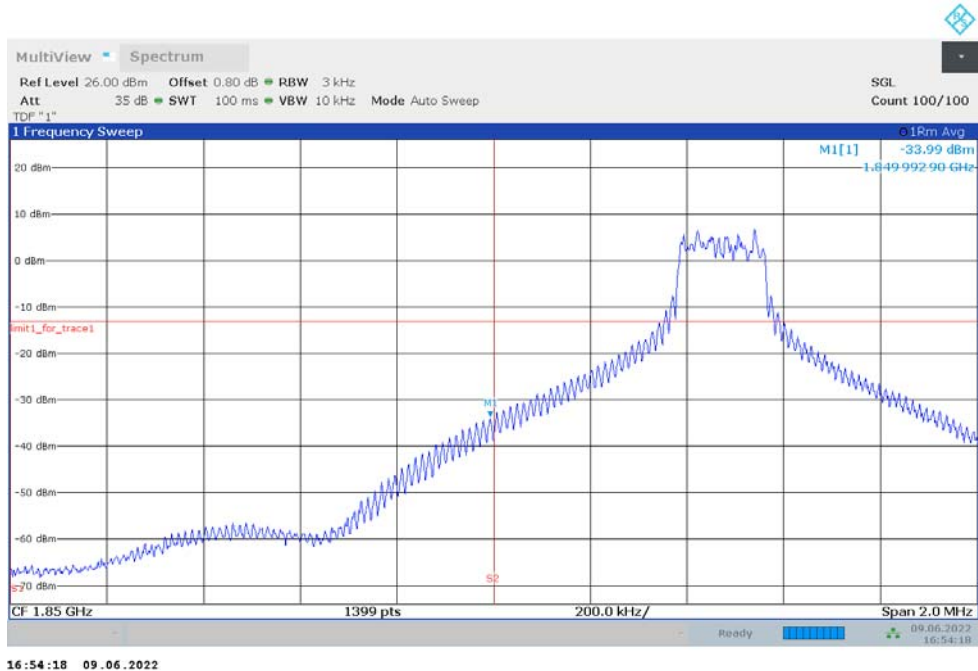
### HIGH BAND EDGE BLOCK-40M-100%RB



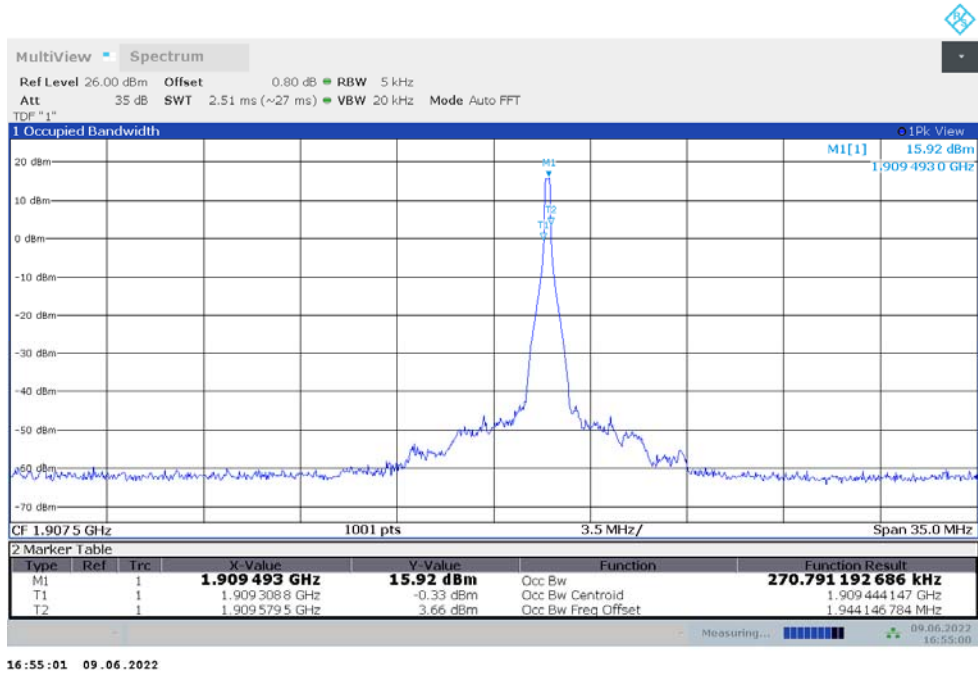
NR band 2@CA\_2A-77L  
 OBW: 1RB-LOW\_offset



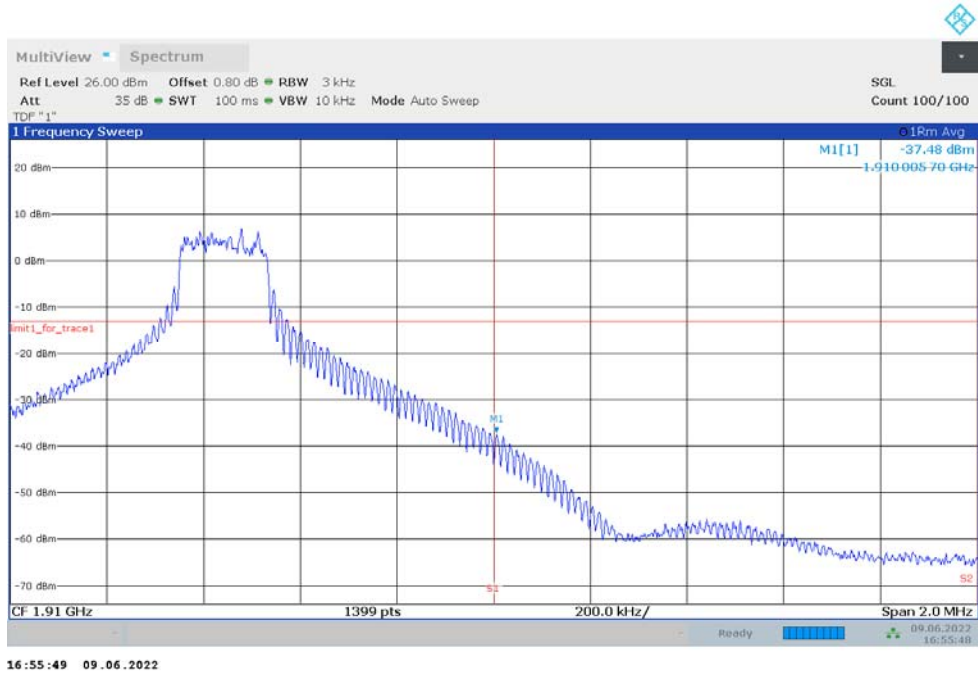
LOW BAND EDGE BLOCK-1RB-LOW\_offset



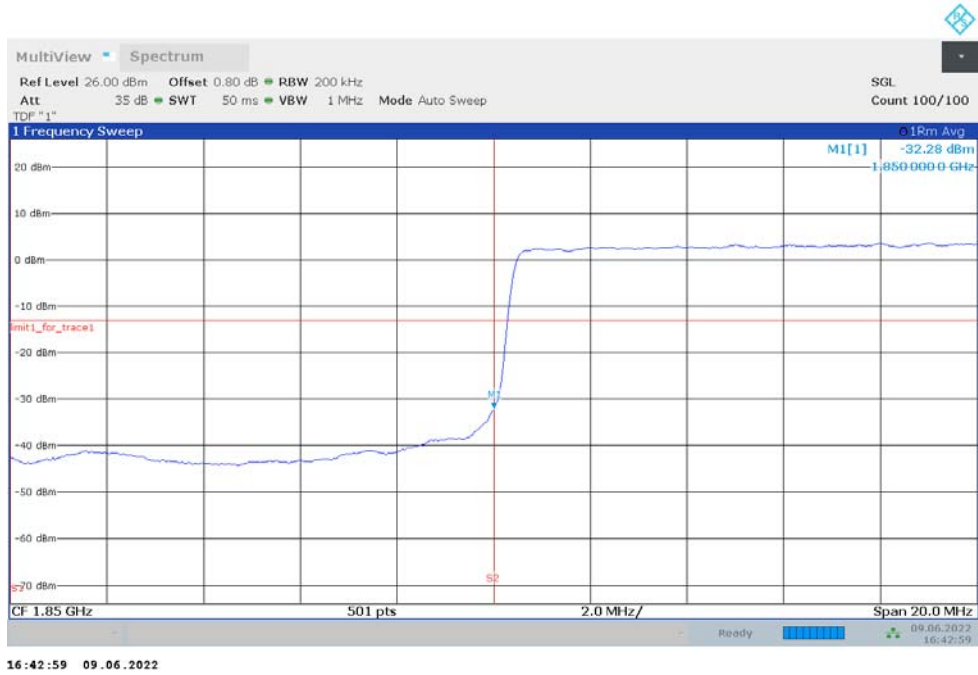
### OBW: 1RB-HIGH\_offset



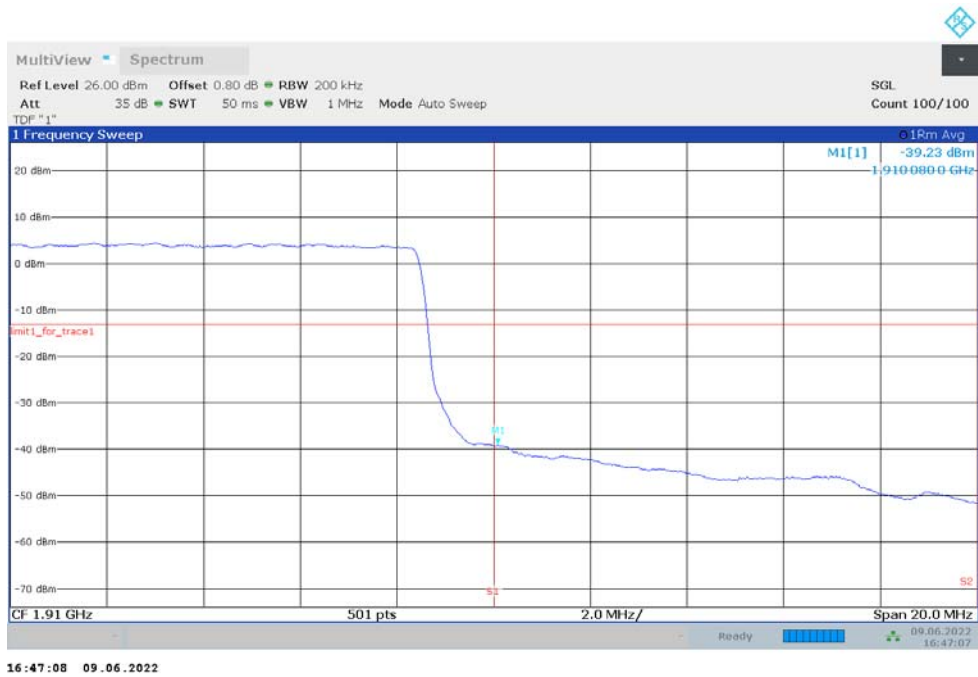
### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



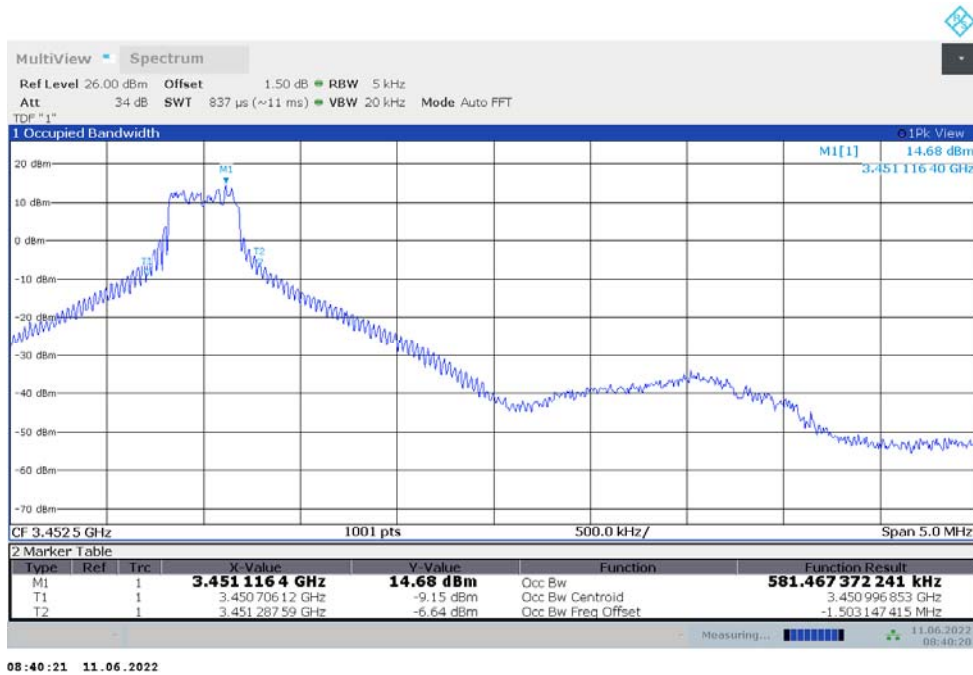
### LOW BAND EDGE BLOCK-20M-100%RB



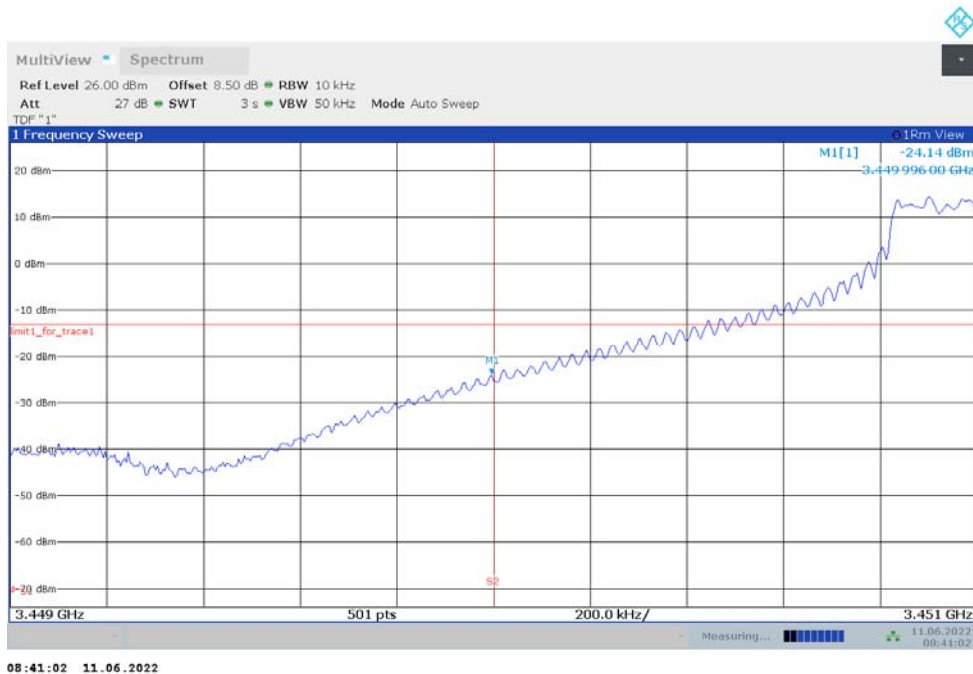
### HIGH BAND EDGE BLOCK-20M-100%RB



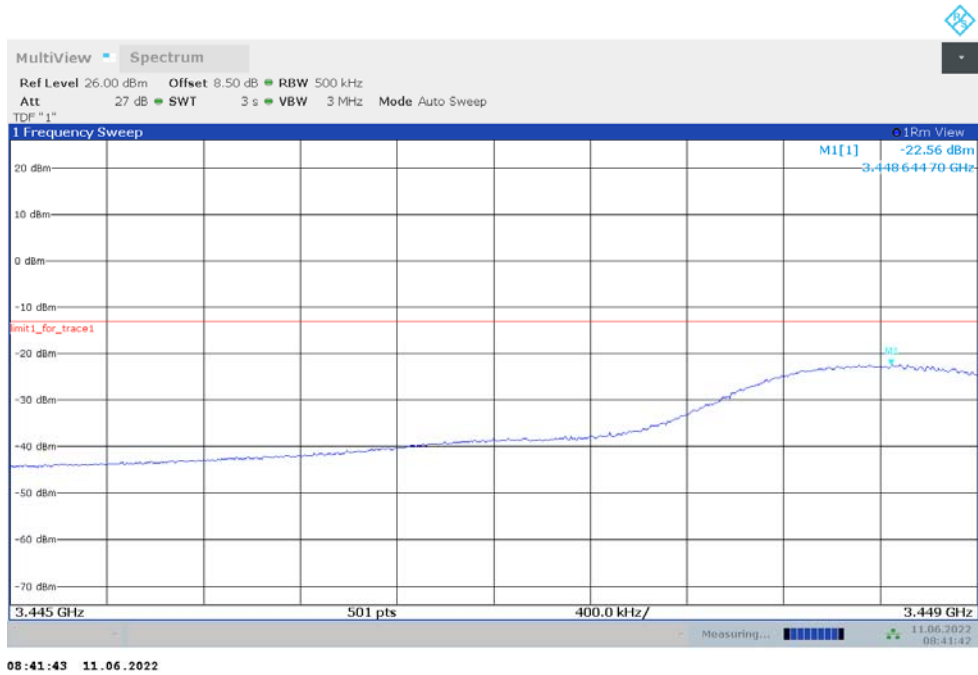
NR band 77L@CA\_2A-77L  
OBW: 1RB-LOW\_offset



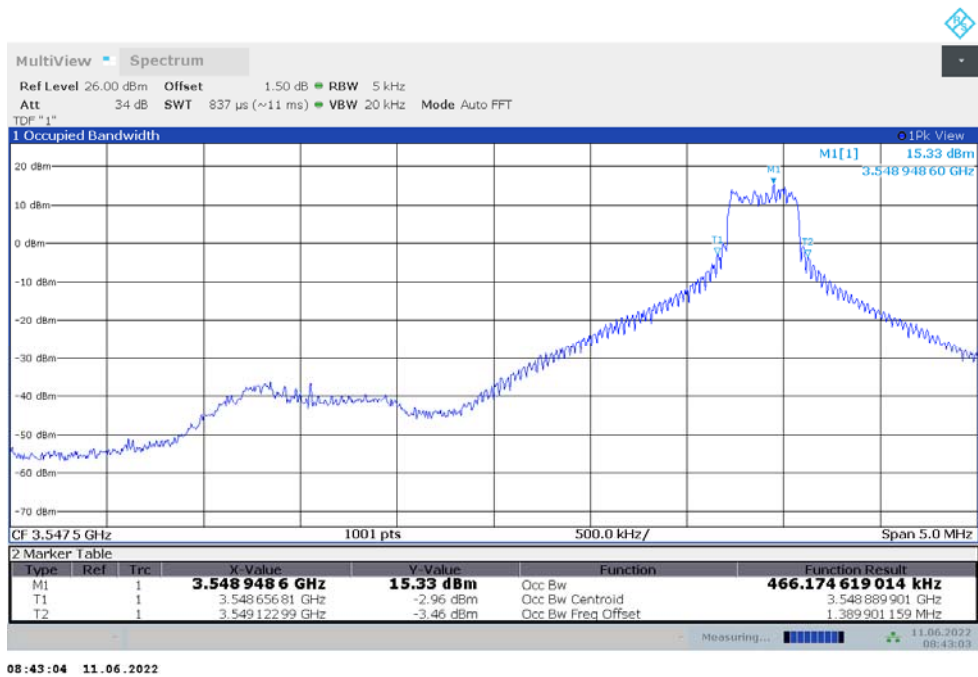
LOW BAND EDGE BLOCK-1RB-LOW\_offset



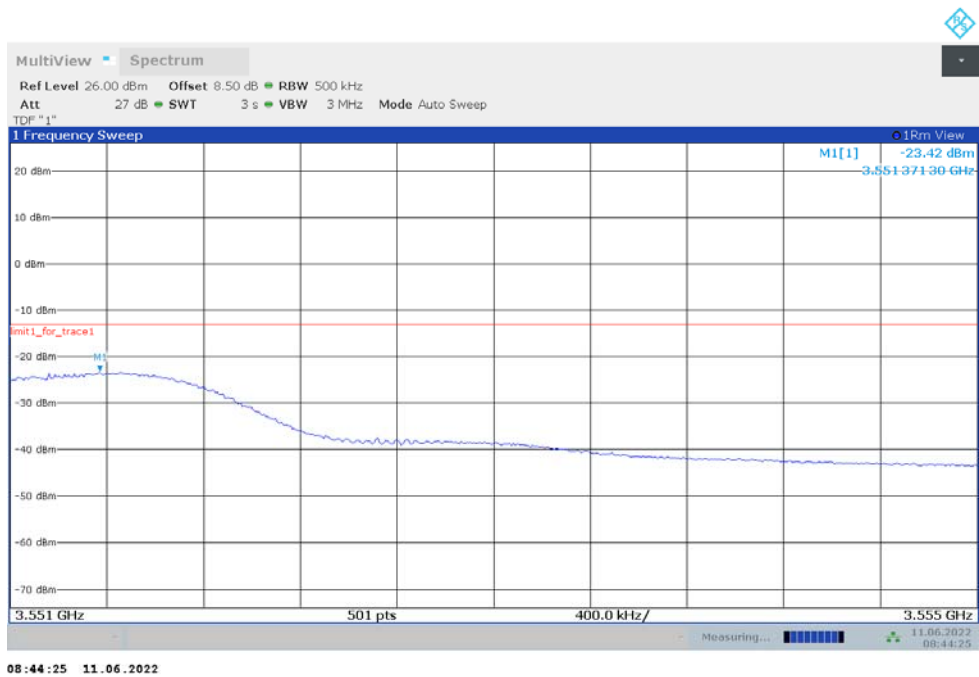
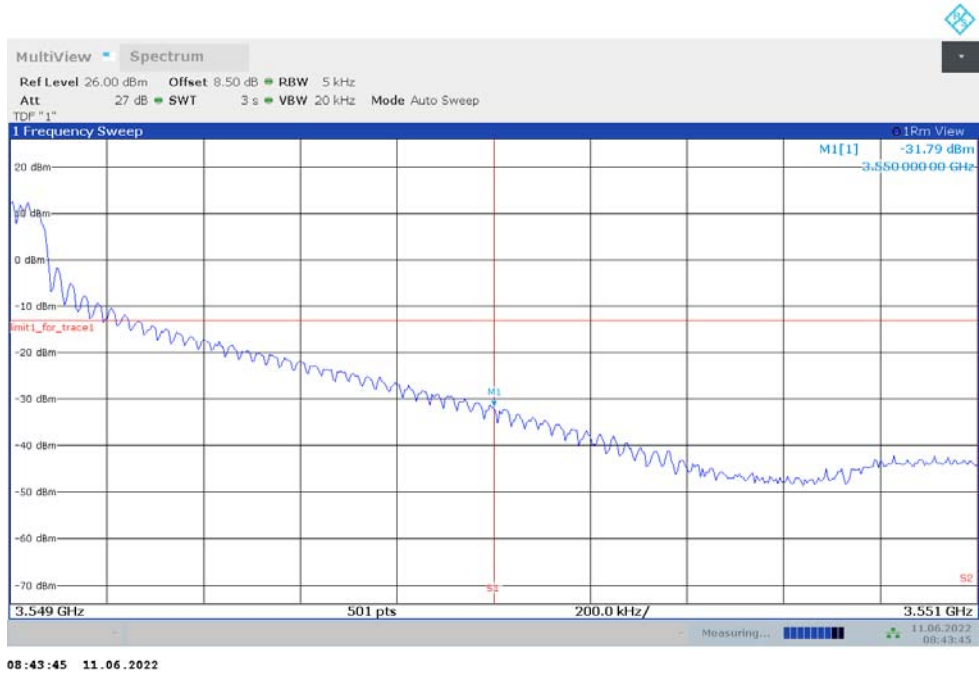




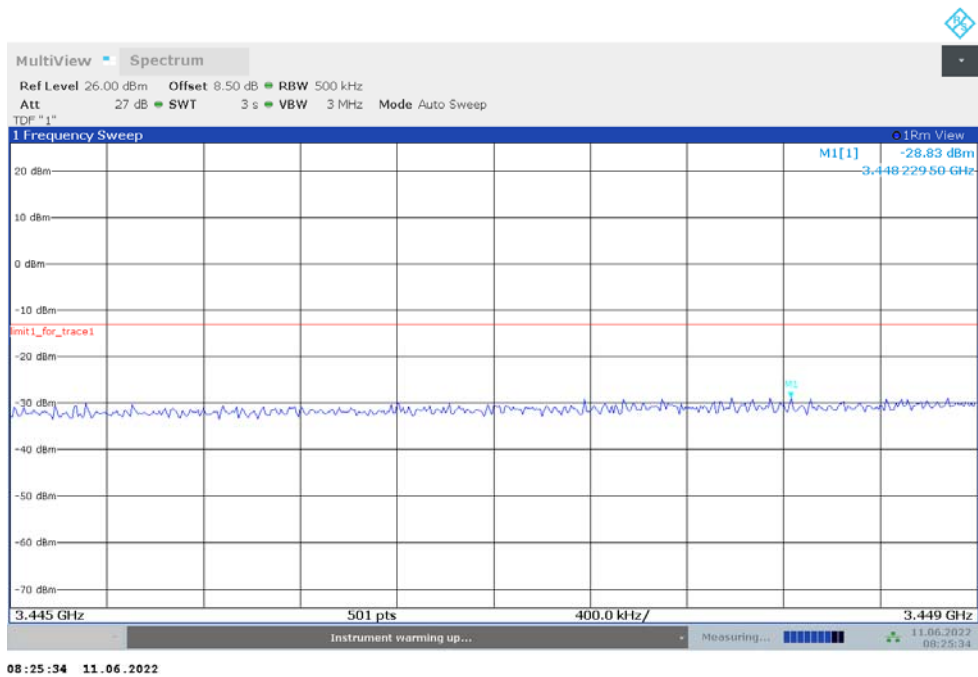
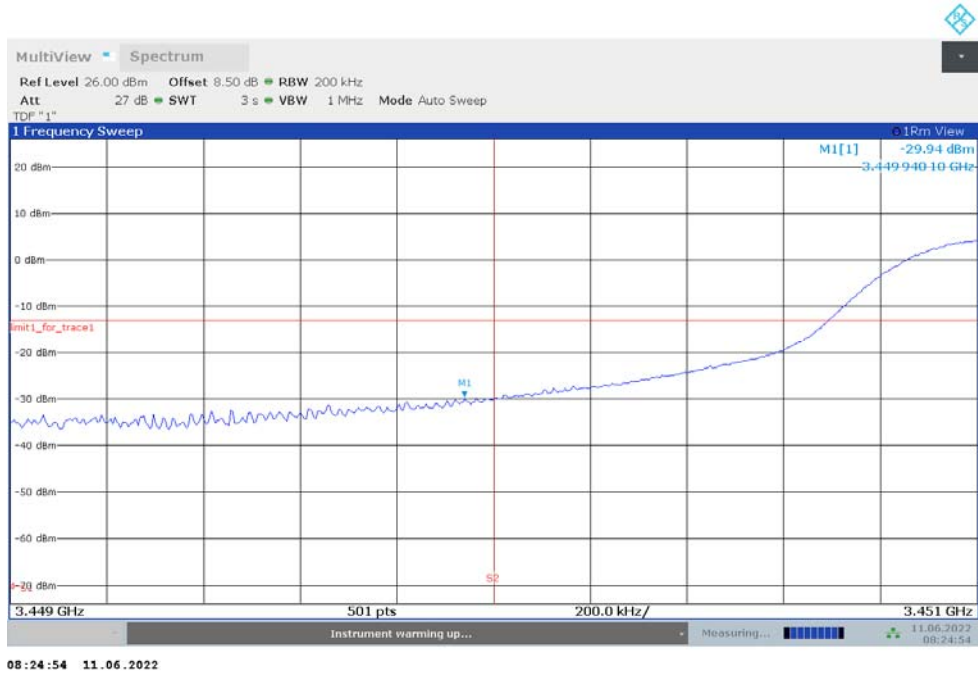
OBW: 1RB-HIGH\_offset



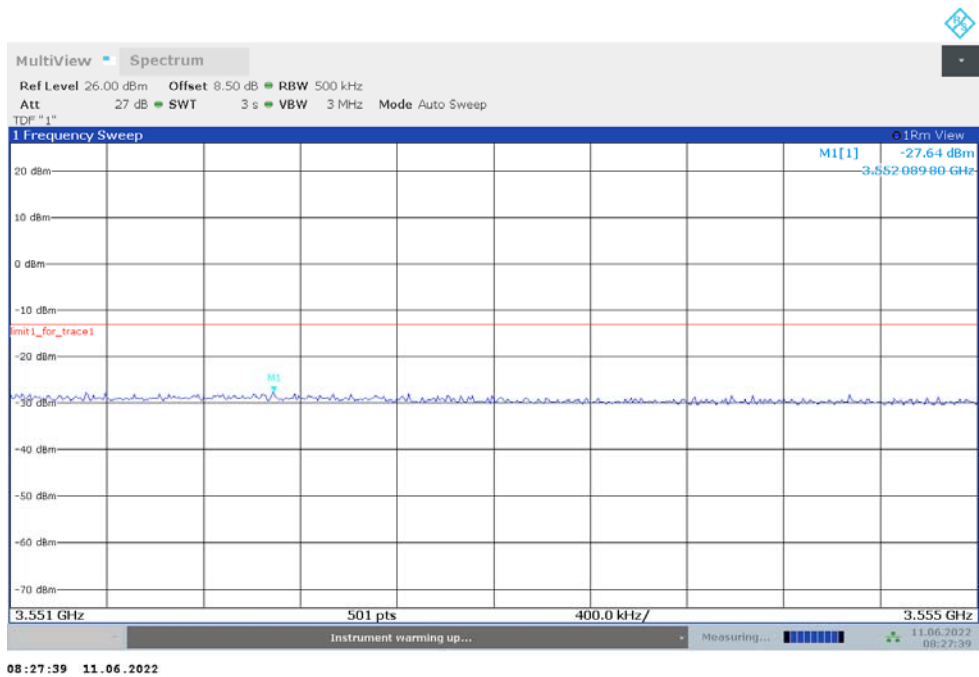
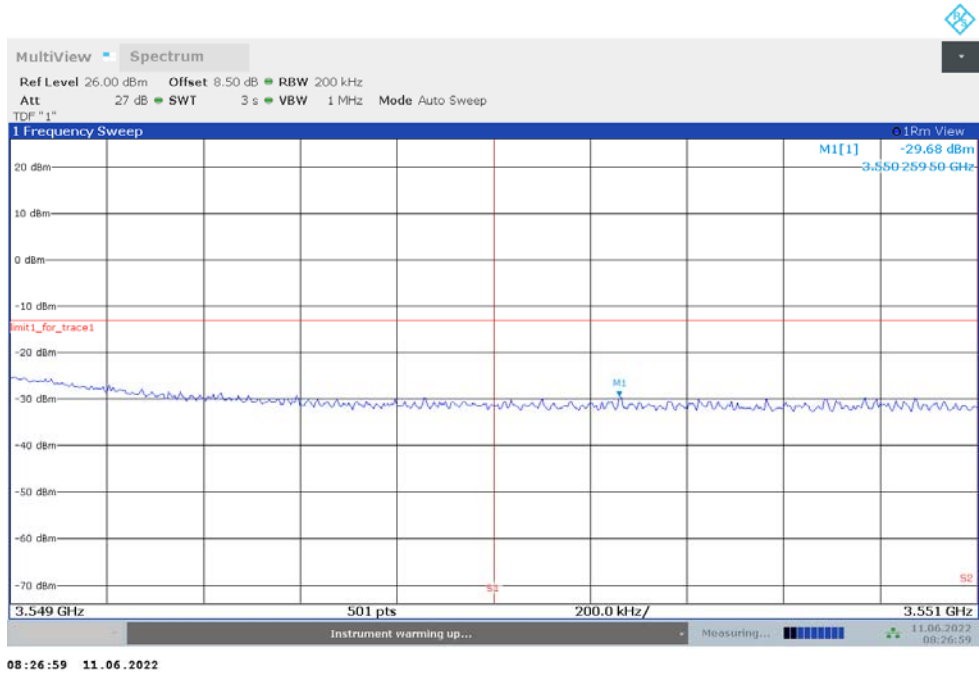
**HIGH BAND EDGE BLOCK-1RB-HIGH\_offset**



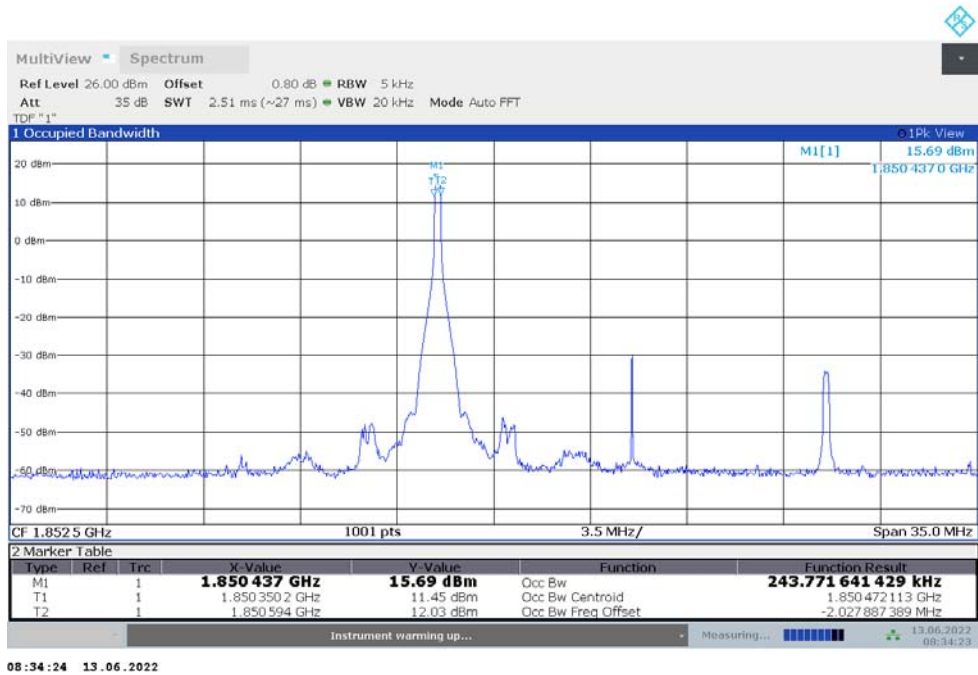
### LOW BAND EDGE BLOCK-90M-100%RB



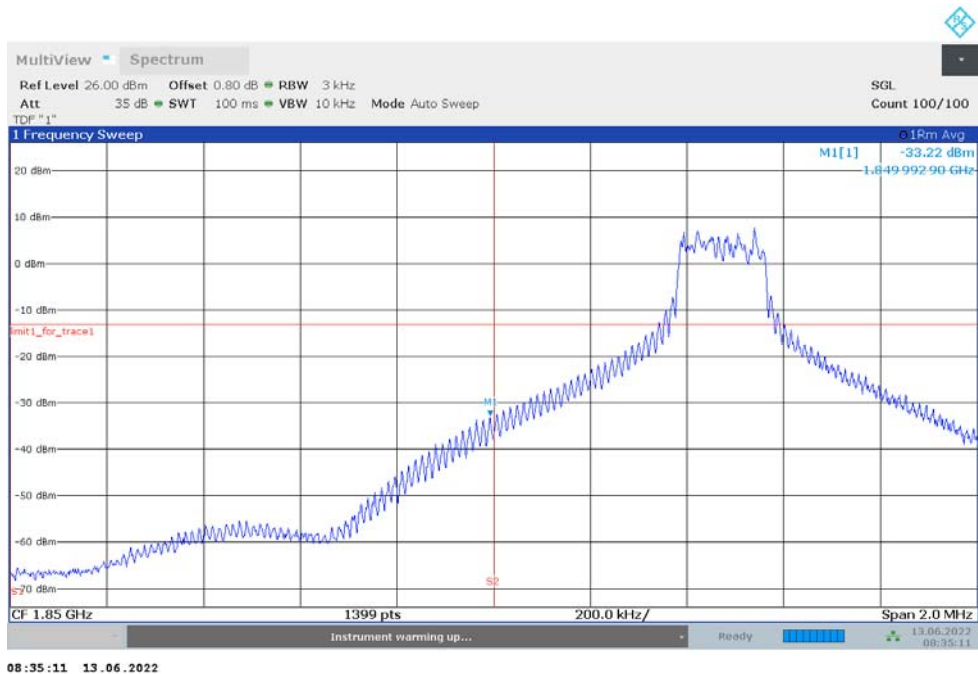
### HIGH BAND EDGE BLOCK-90M-100%RB



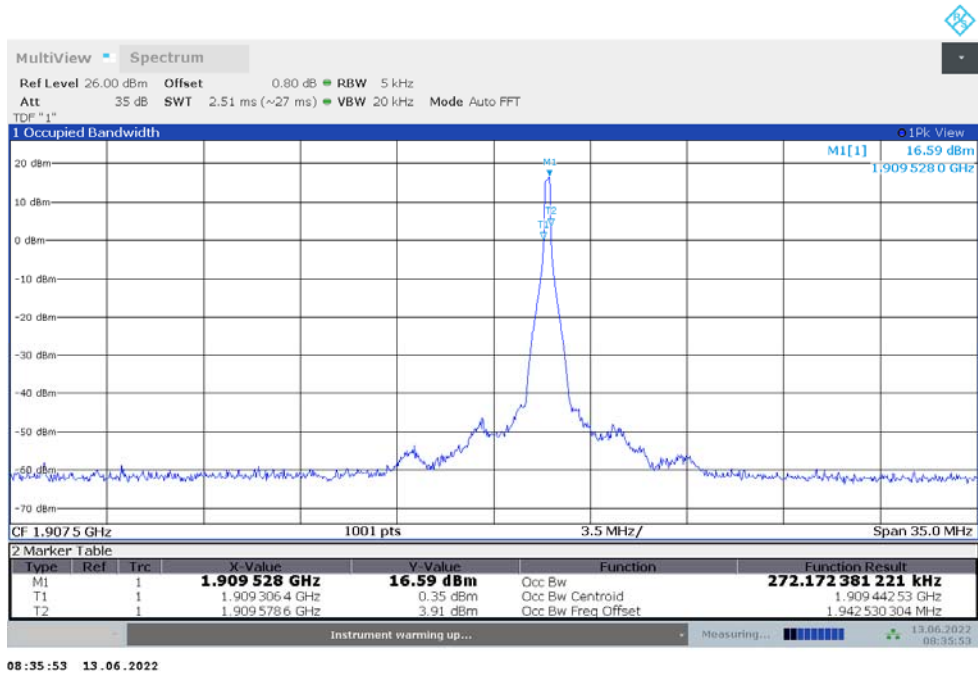
NR band 2@CA\_2A-77H  
 OBW: 1RB-LOW\_offset



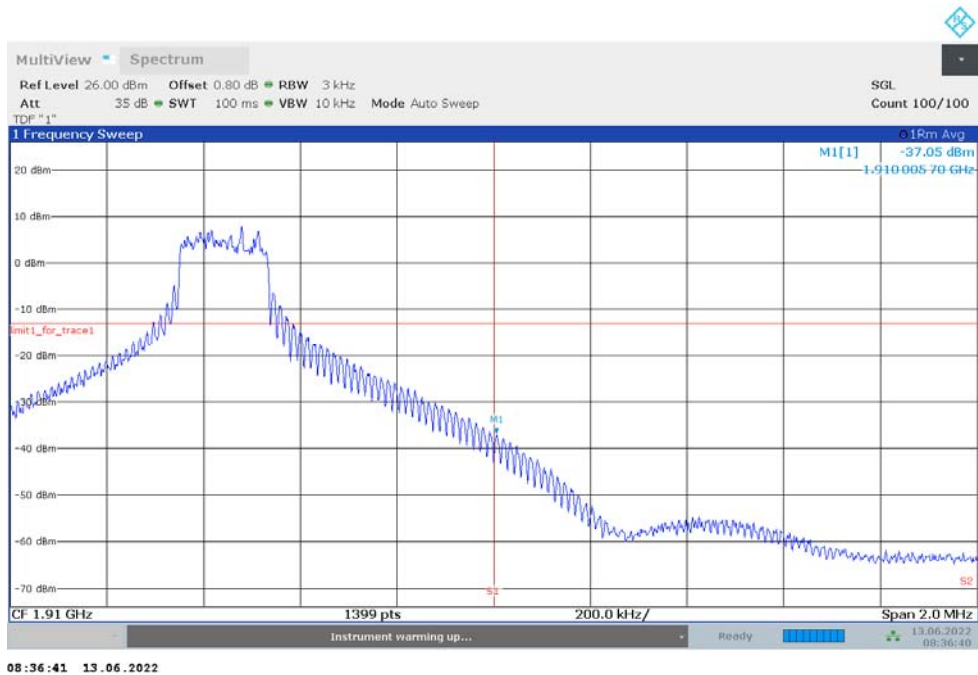
LOW BAND EDGE BLOCK-1RB-LOW\_offset



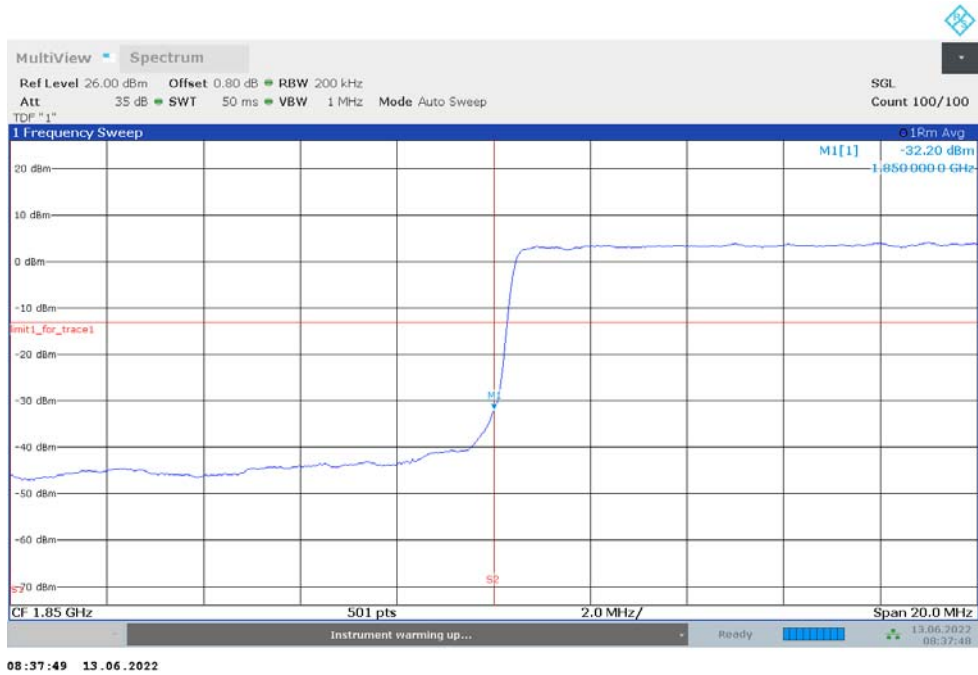
### OBW: 1RB-HIGH\_offset



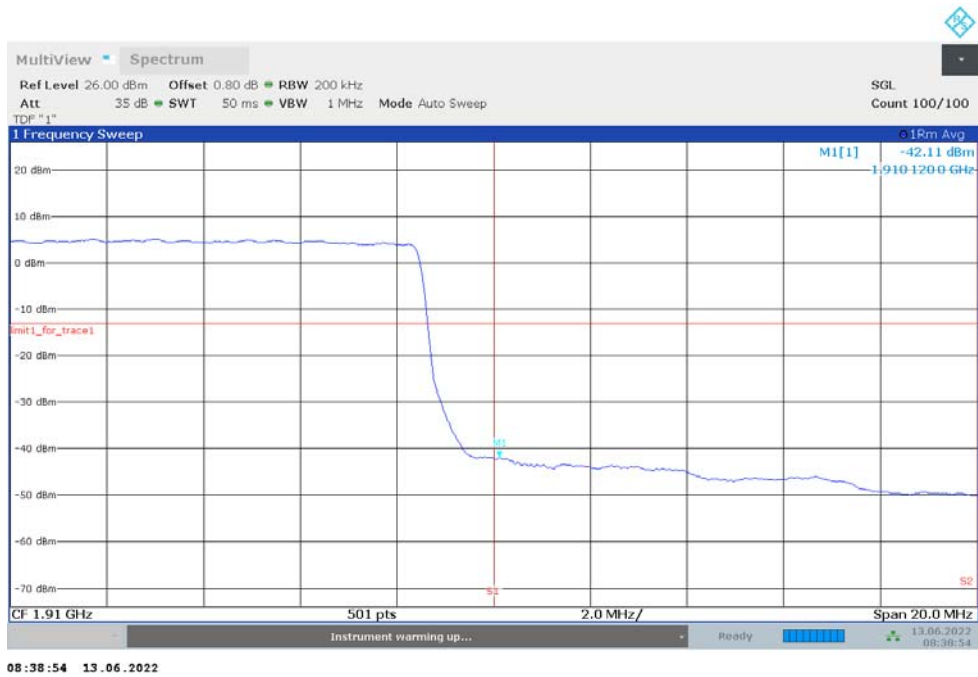
### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



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



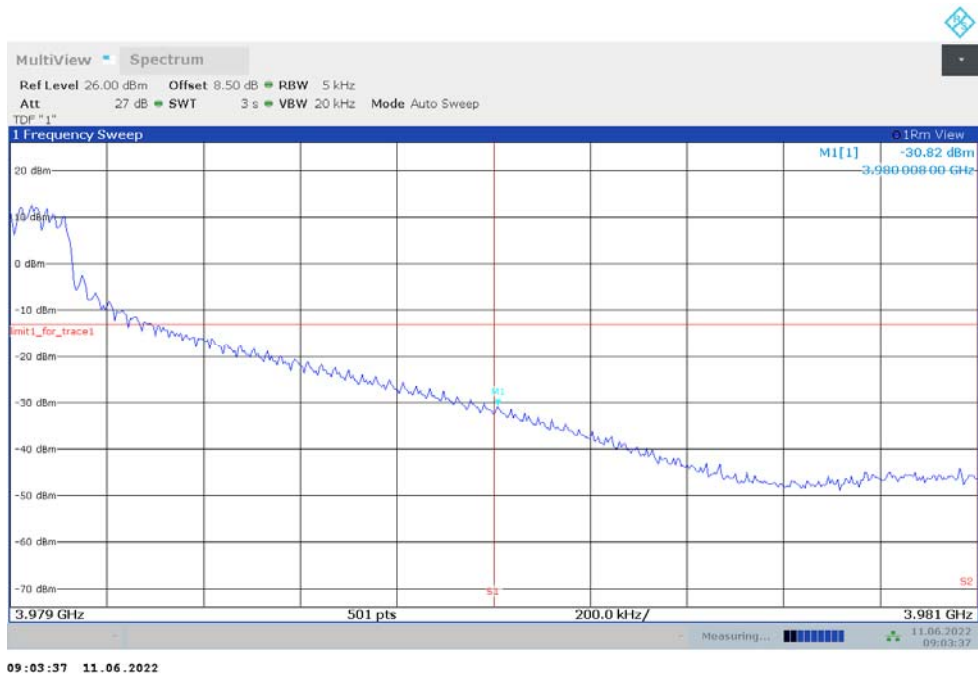
### HIGH BAND EDGE BLOCK-20M-100%RB



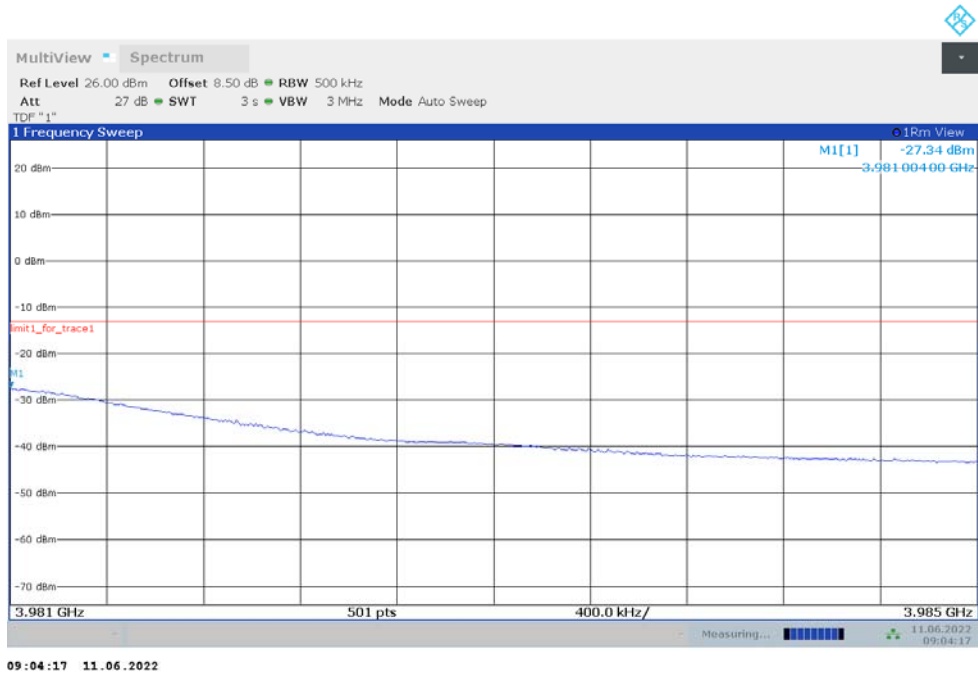
NR band 77H@CA\_2A-77H  
 OBW: 1RB-HIGH\_offset



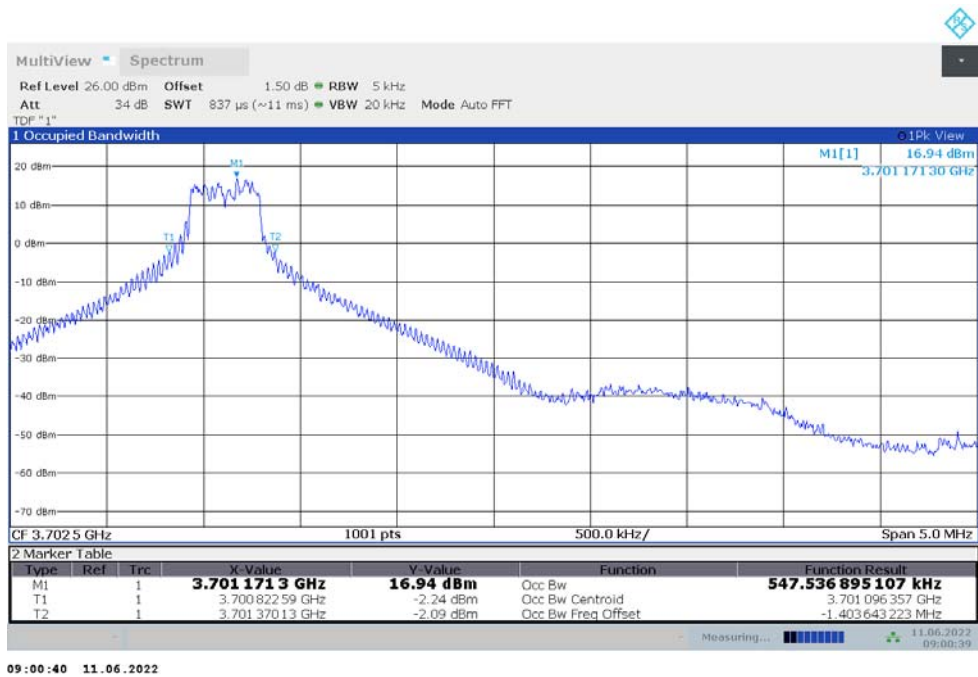
HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



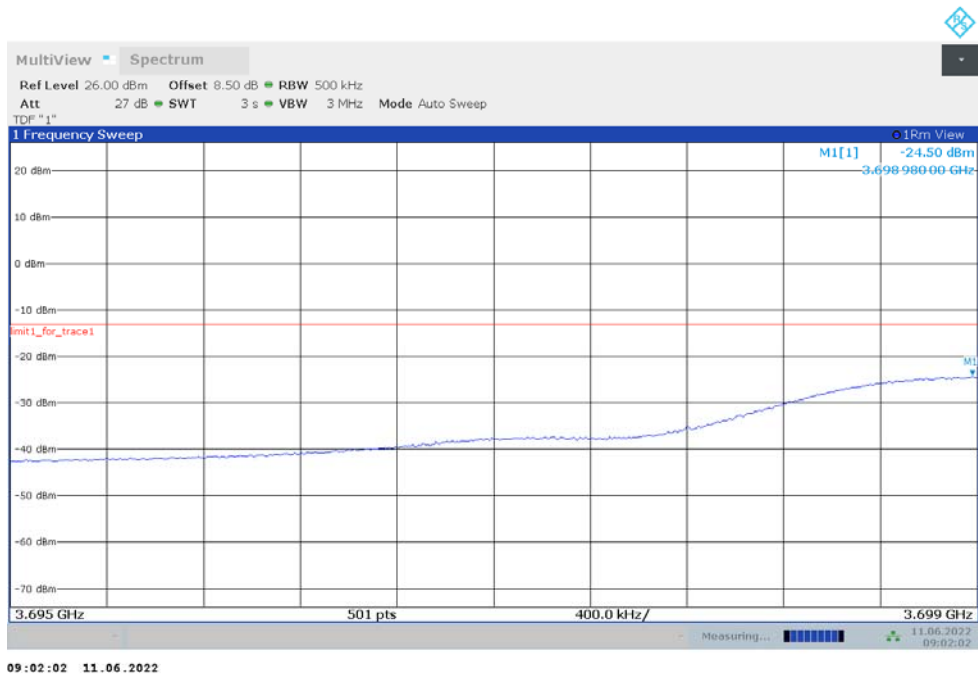
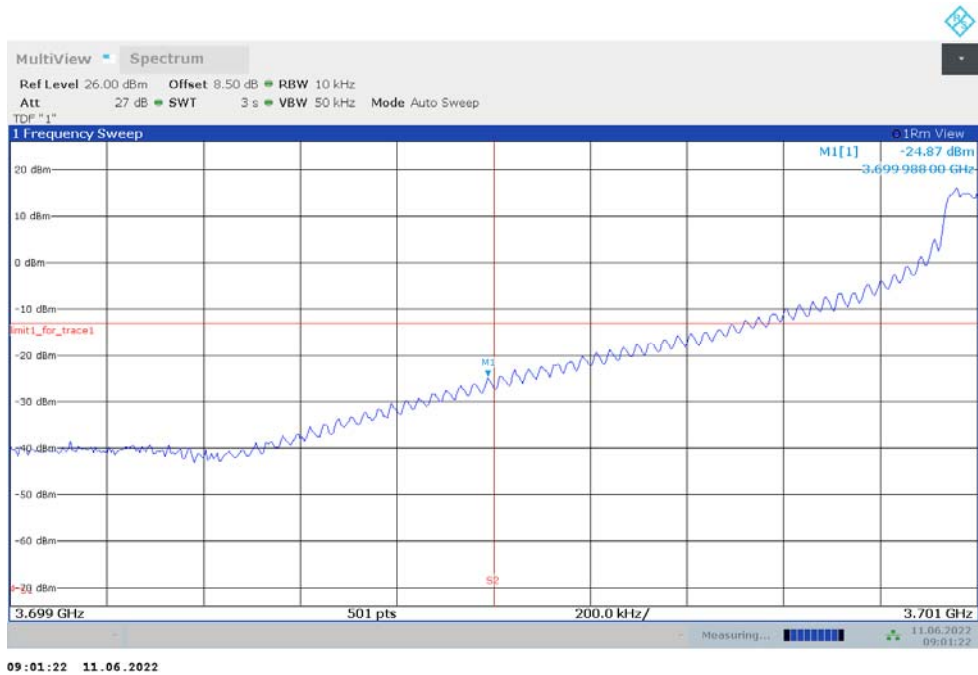




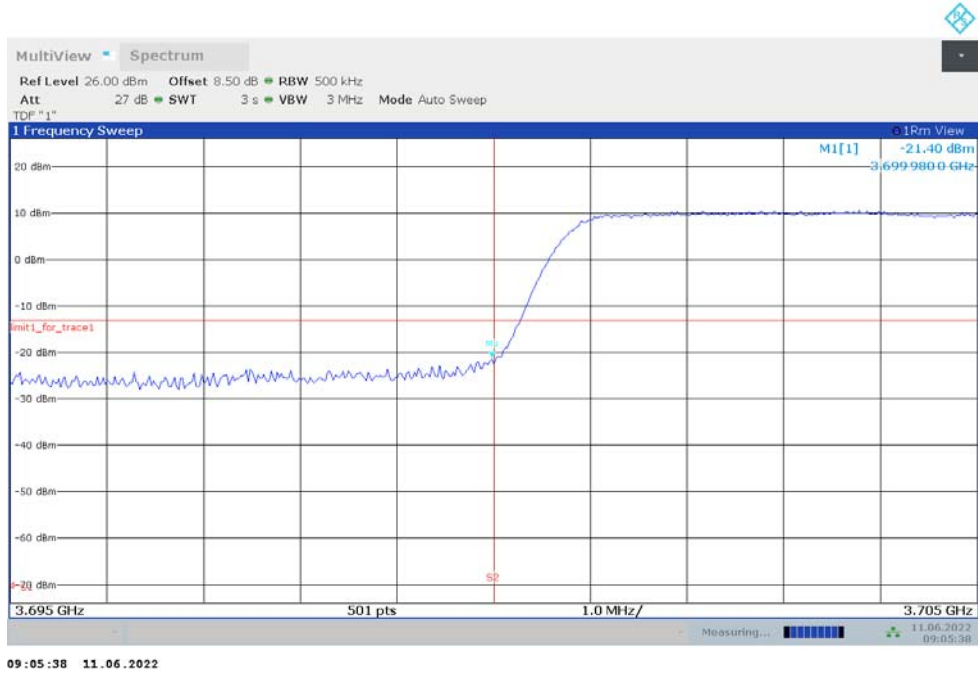
OBW: 1RB-LOW\_offset



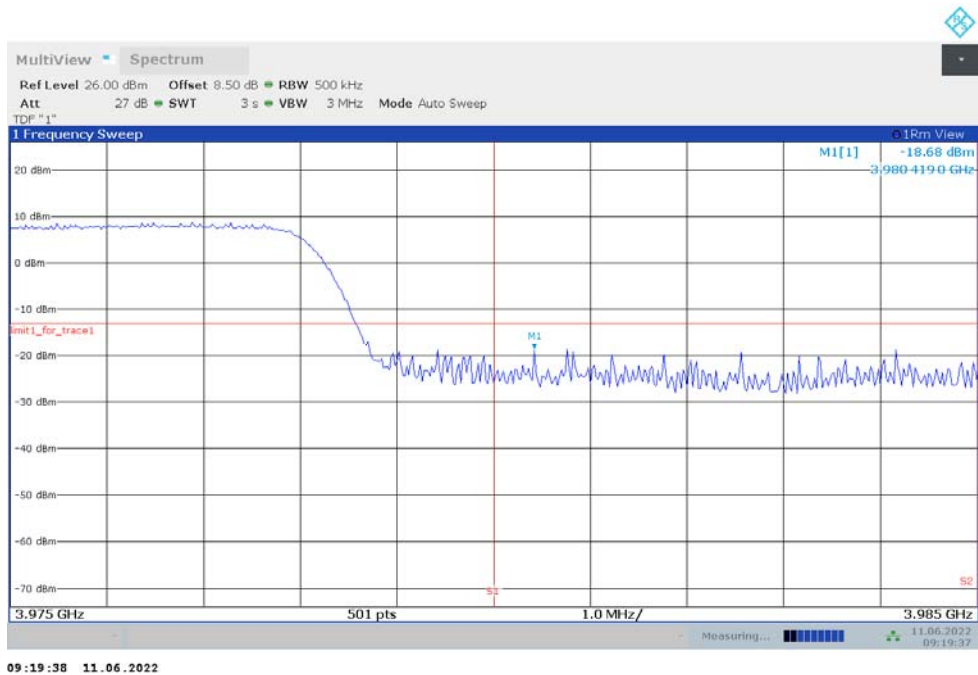
**LOW BAND EDGE BLOCK-1RB-LOW\_offset**



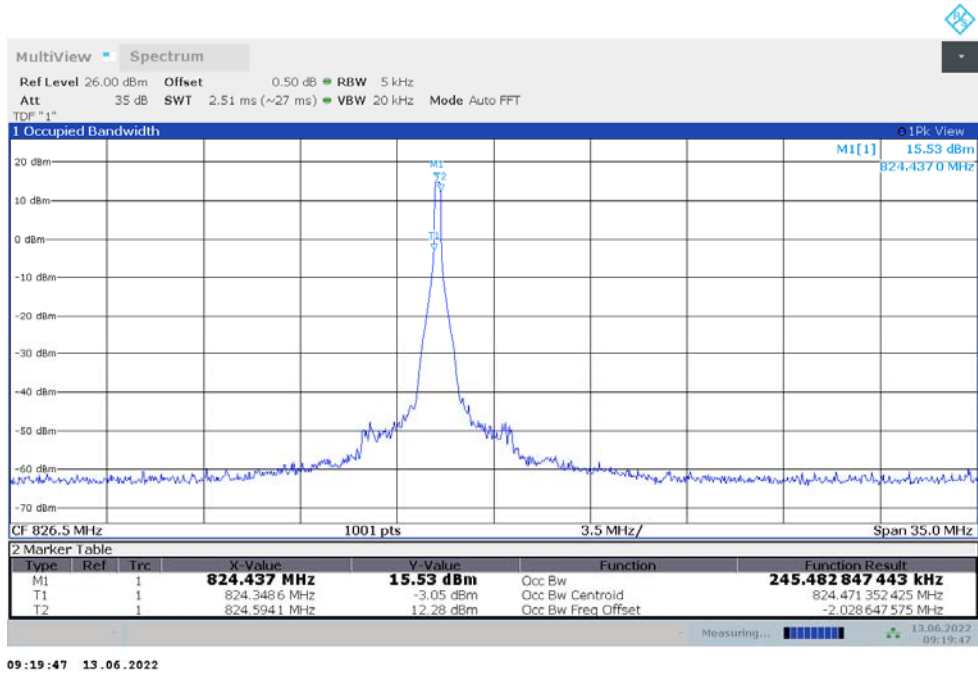
### LOW BAND EDGE BLOCK-100M-100%RB



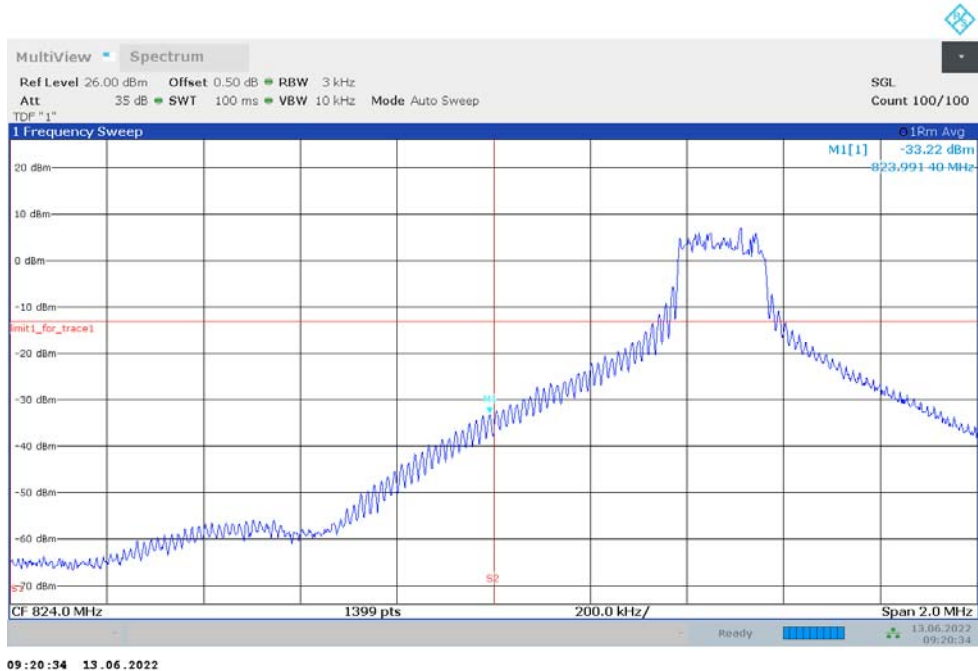
### HIGH BAND EDGE BLOCK-100M-100%RB



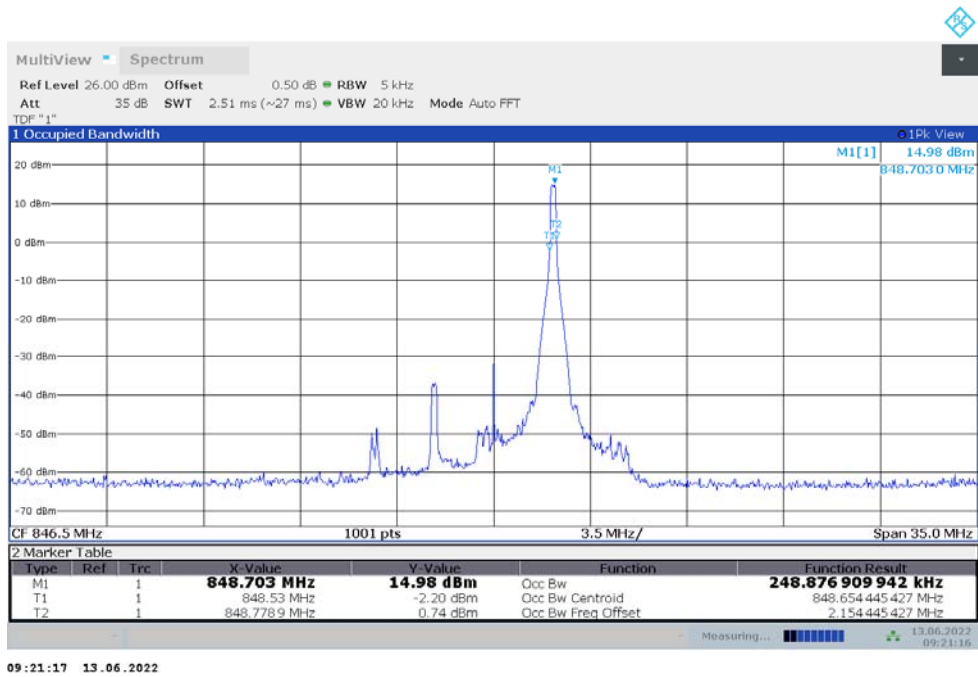
NR band 5@CA\_5A-77L  
 OBW: 1RB-LOW\_offset



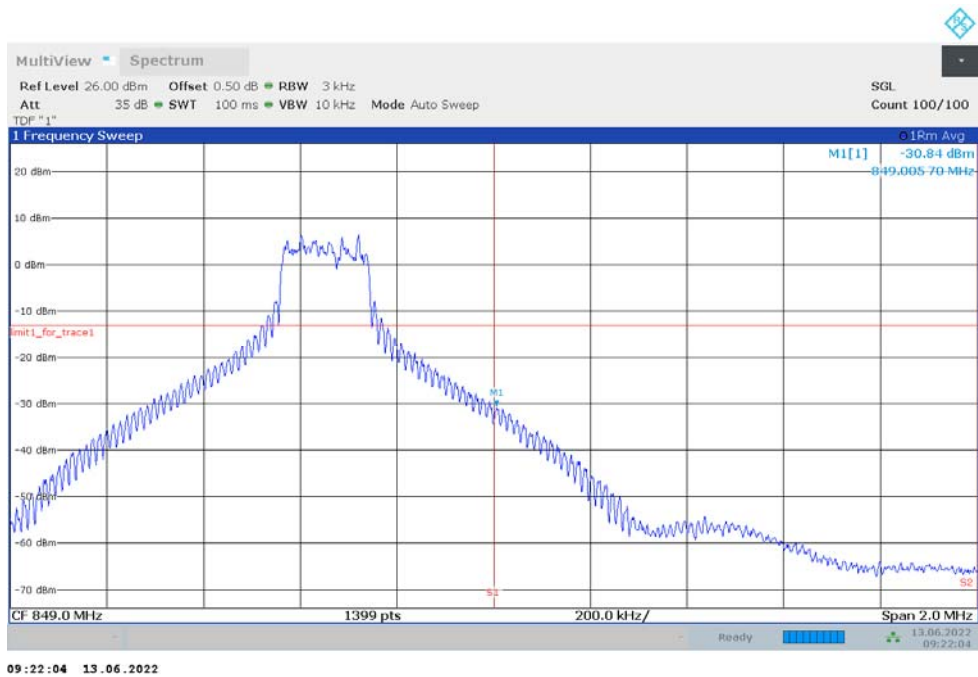
LOW BAND EDGE BLOCK-1RB-LOW\_offset



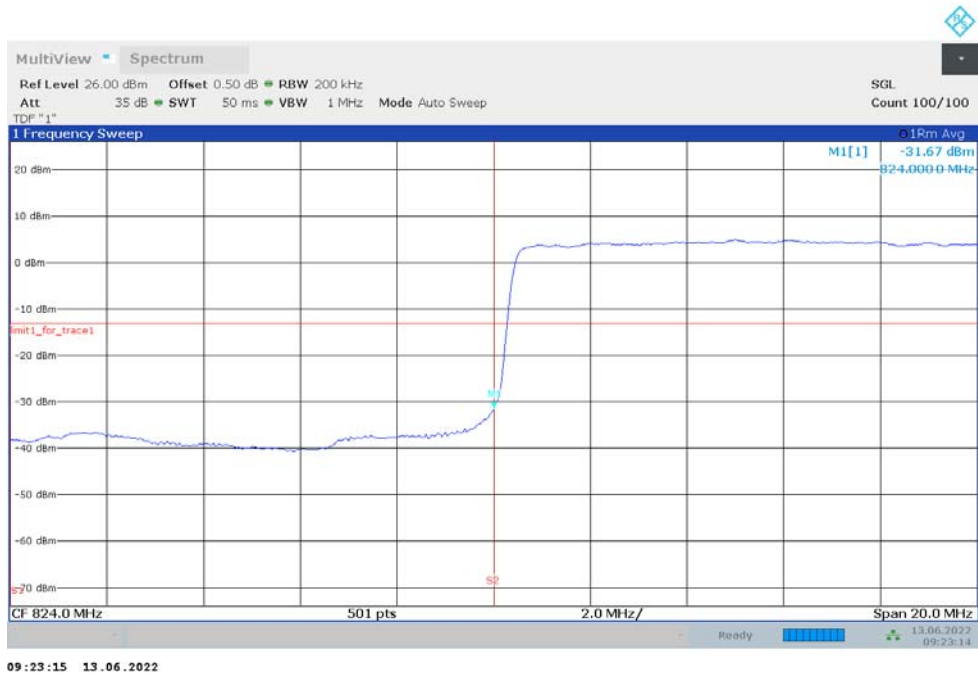
### OBW: 1RB-HIGH\_offset



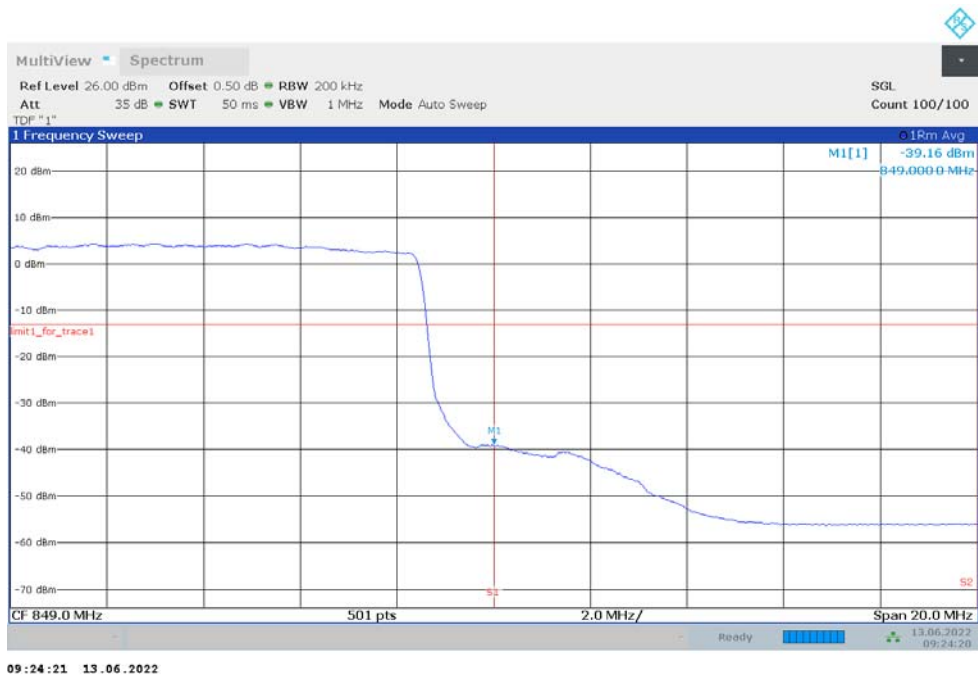
### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



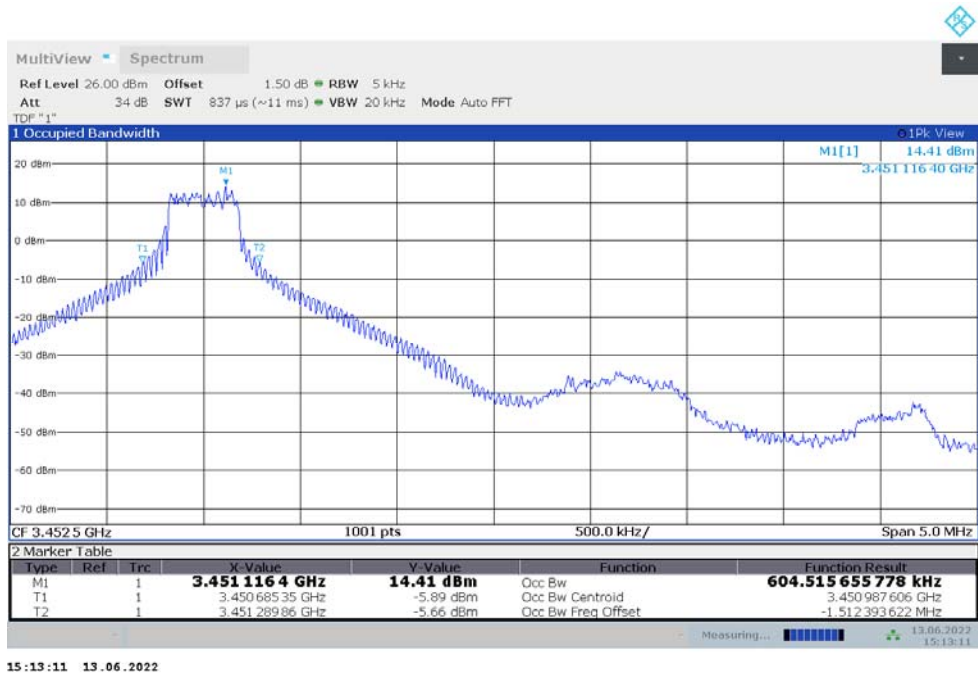
### LOW BAND EDGE BLOCK-20M-100%RB



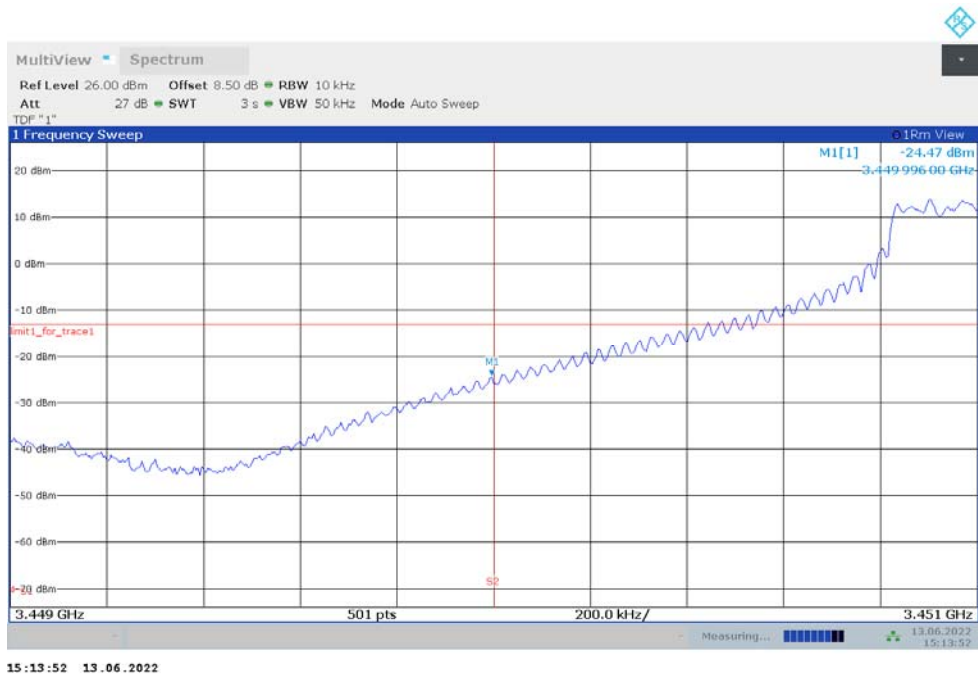
### HIGH BAND EDGE BLOCK-20M-100%RB

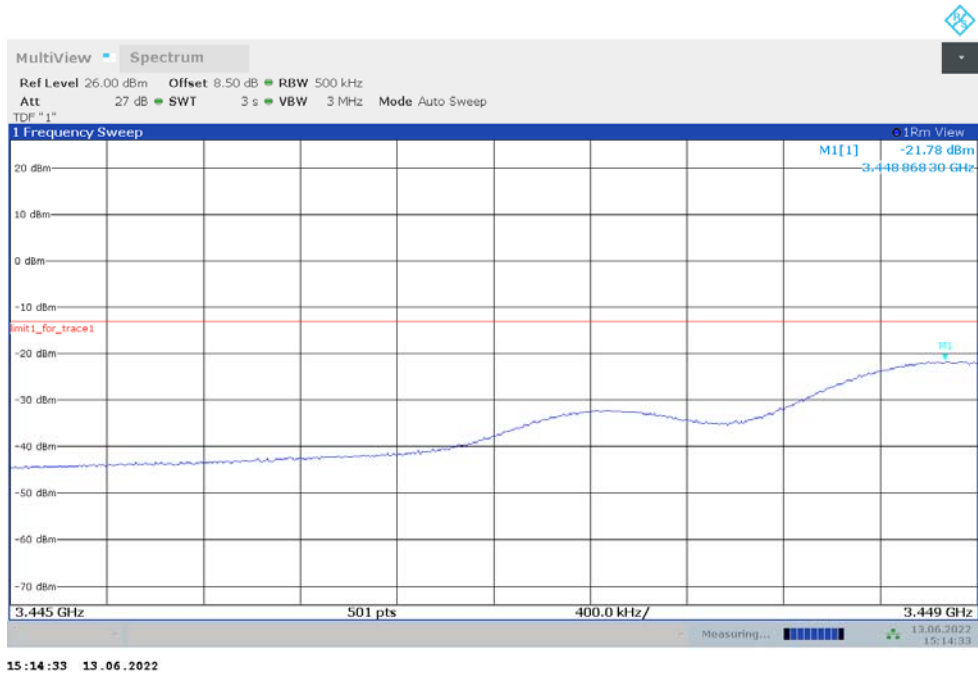


NR band 77L@CA\_5A-77L  
OBW: 1RB-LOW\_offset

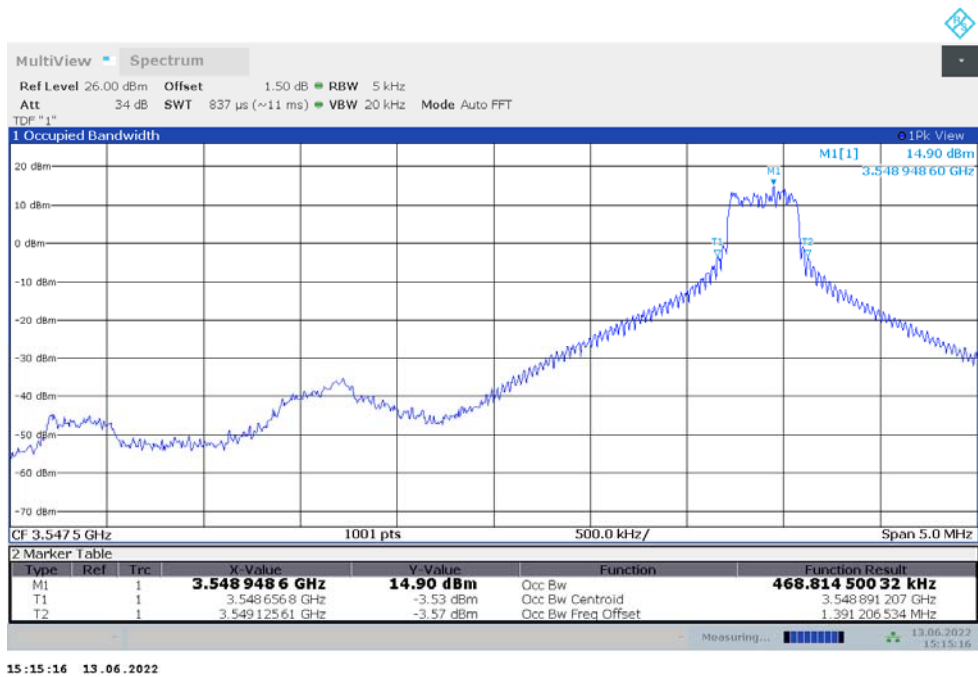


LOW BAND EDGE BLOCK-1RB-LOW\_offset



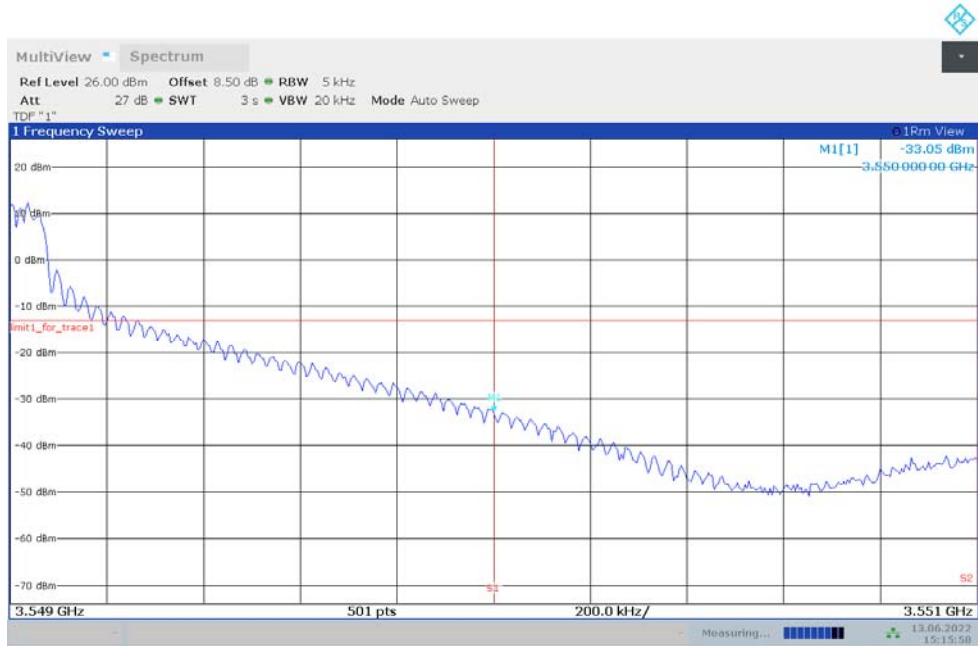


**OBW: 1RB-HIGH\_offset**

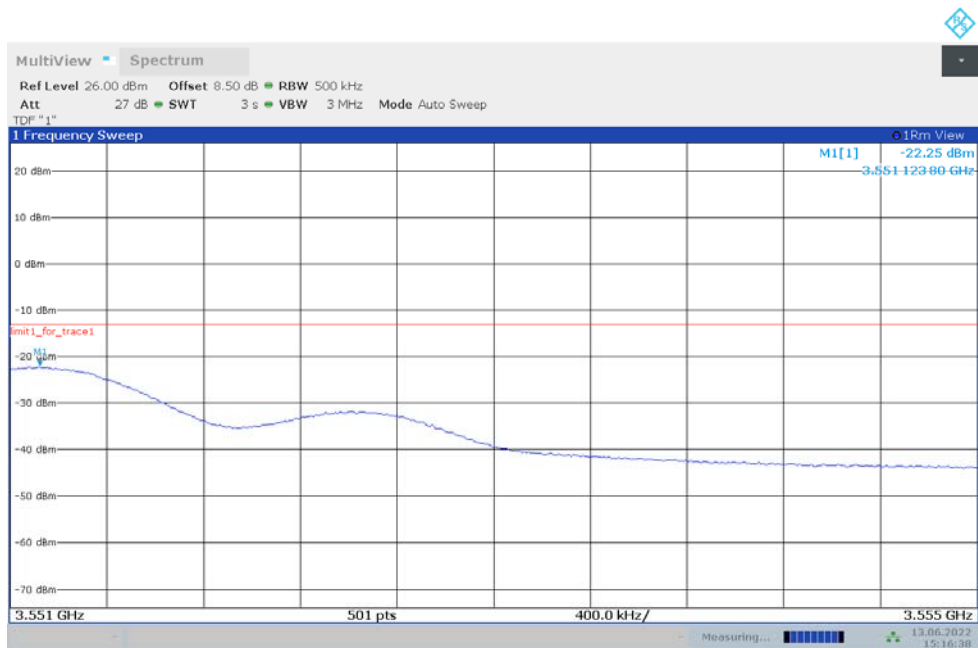




### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset

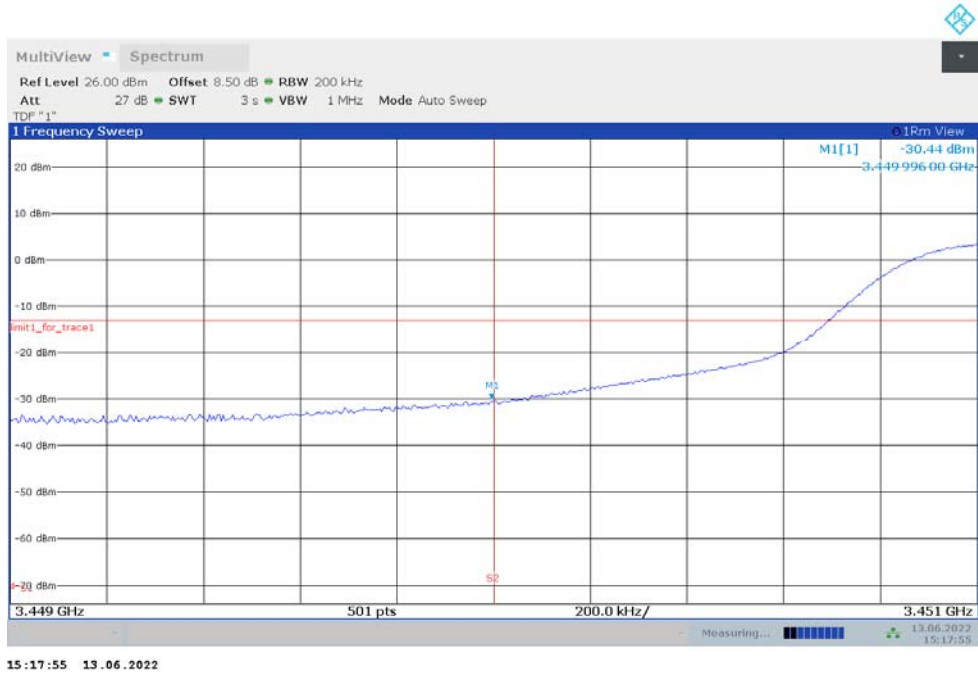


15:15:58 13.06.2022

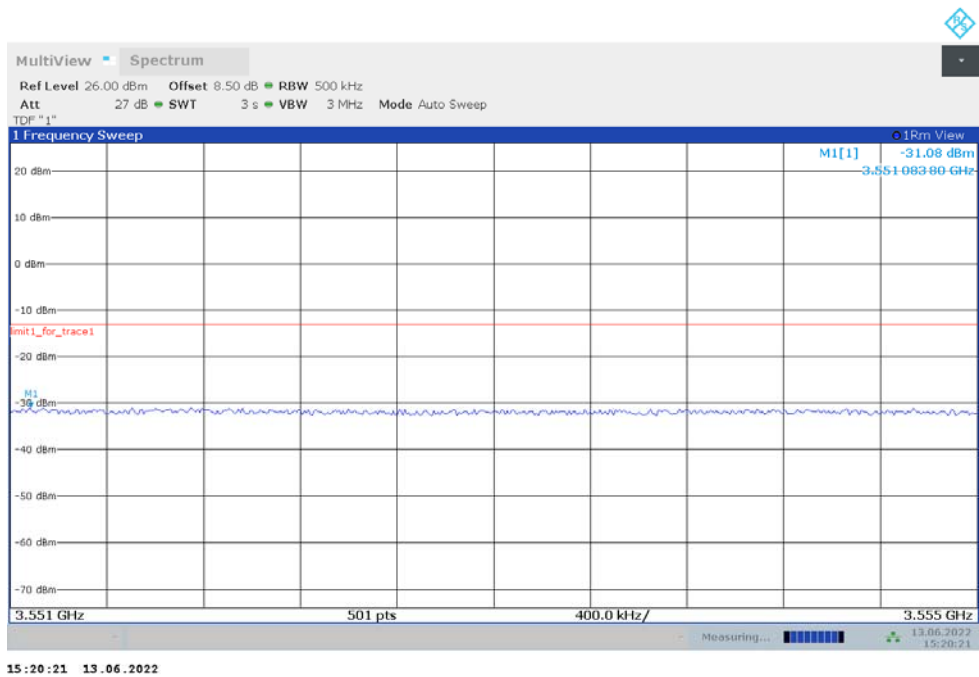
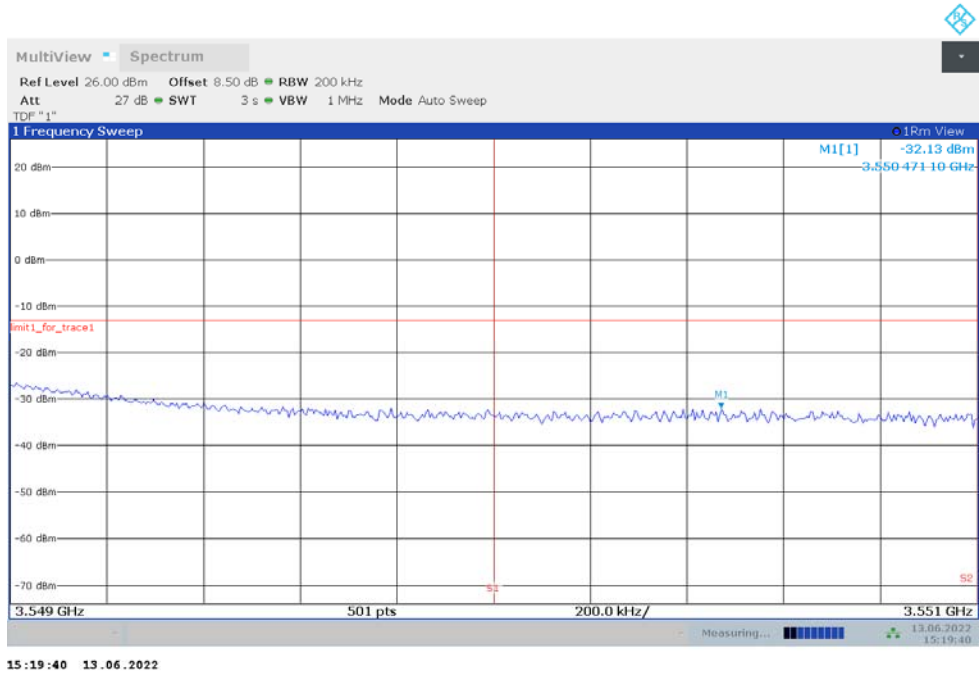


15:16:38 13.06.2022

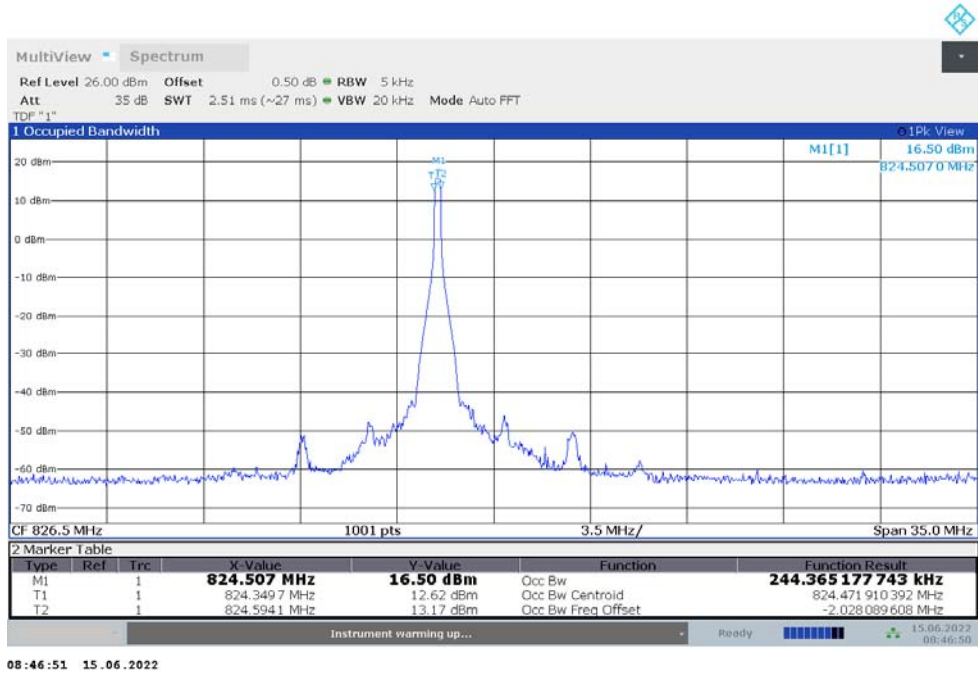
**LOW BAND EDGE BLOCK-90M-100%RB**



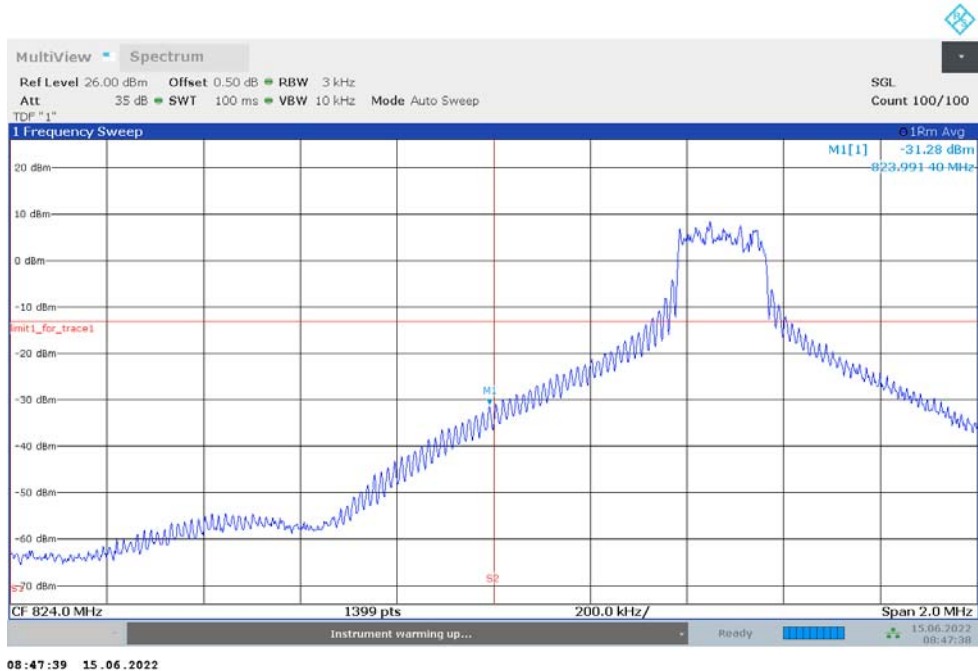
### HIGH BAND EDGE BLOCK-90M-100%RB



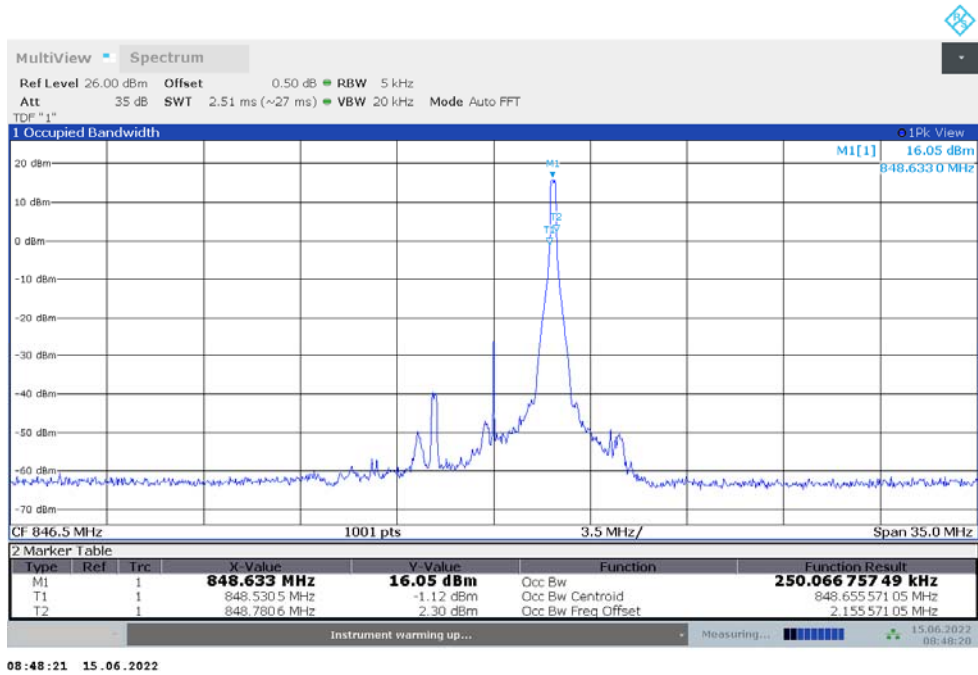
NR band 5@CA\_5A-77H  
 OBW: 1RB-LOW\_offset



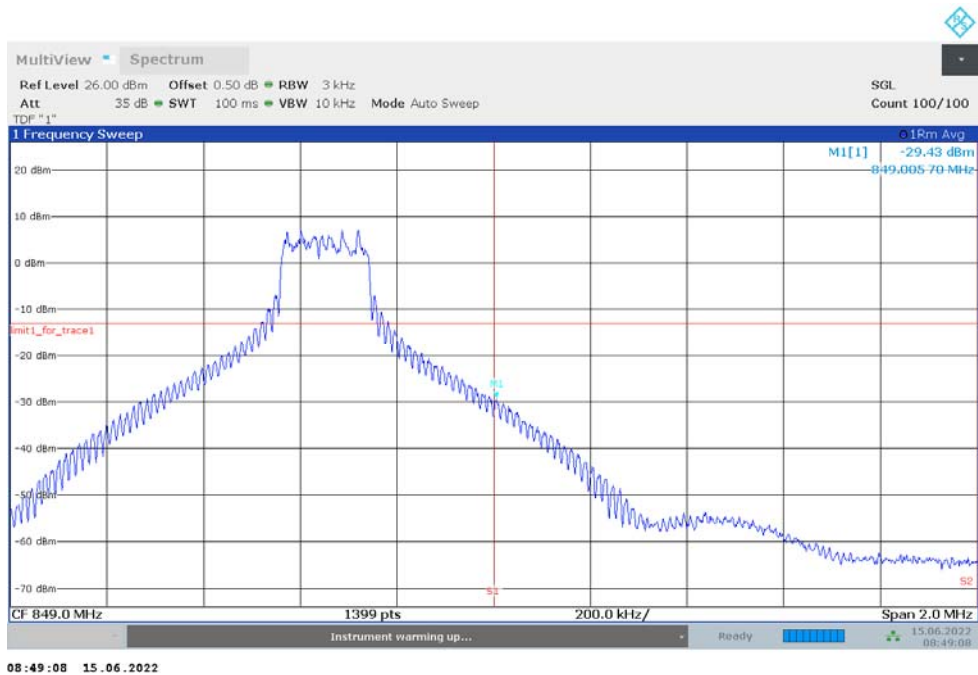
LOW BAND EDGE BLOCK-1RB-LOW\_offset



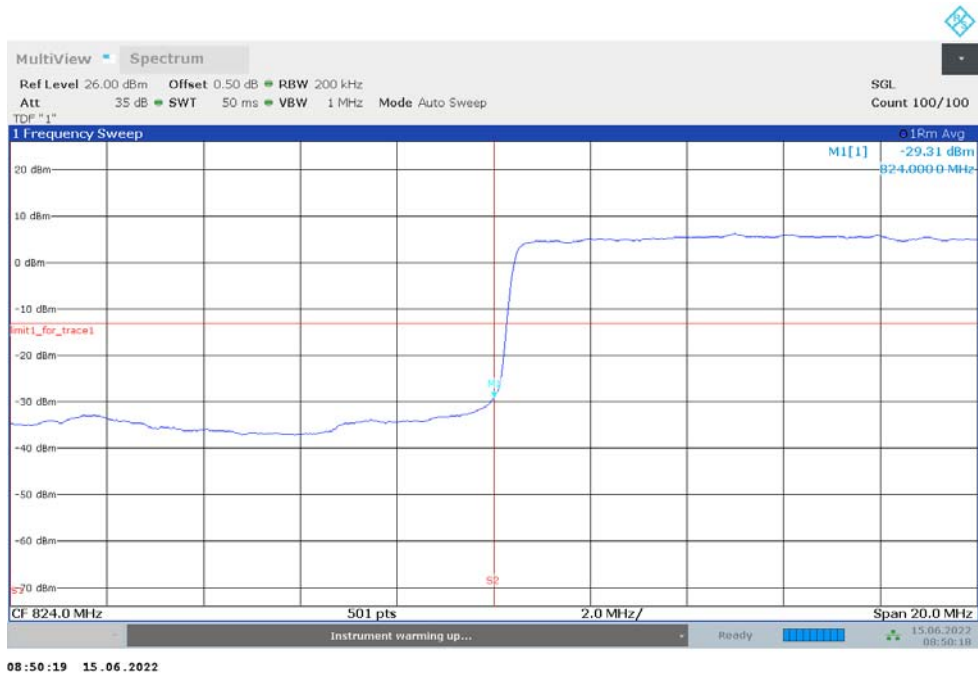
### OBW: 1RB-HIGH\_offset



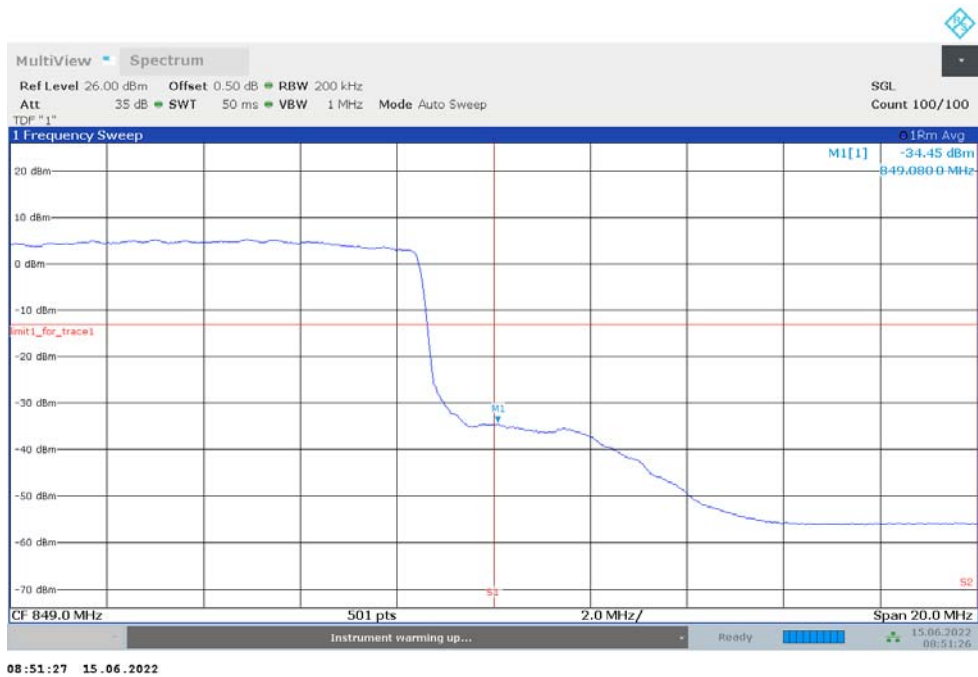
### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



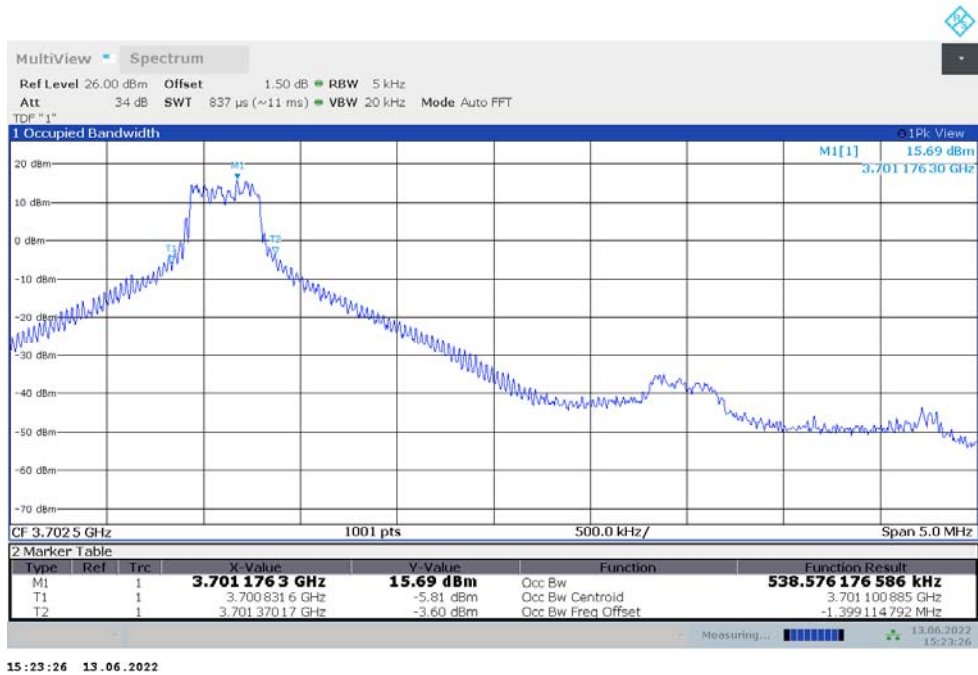
### LOW BAND EDGE BLOCK-20M-100%RB



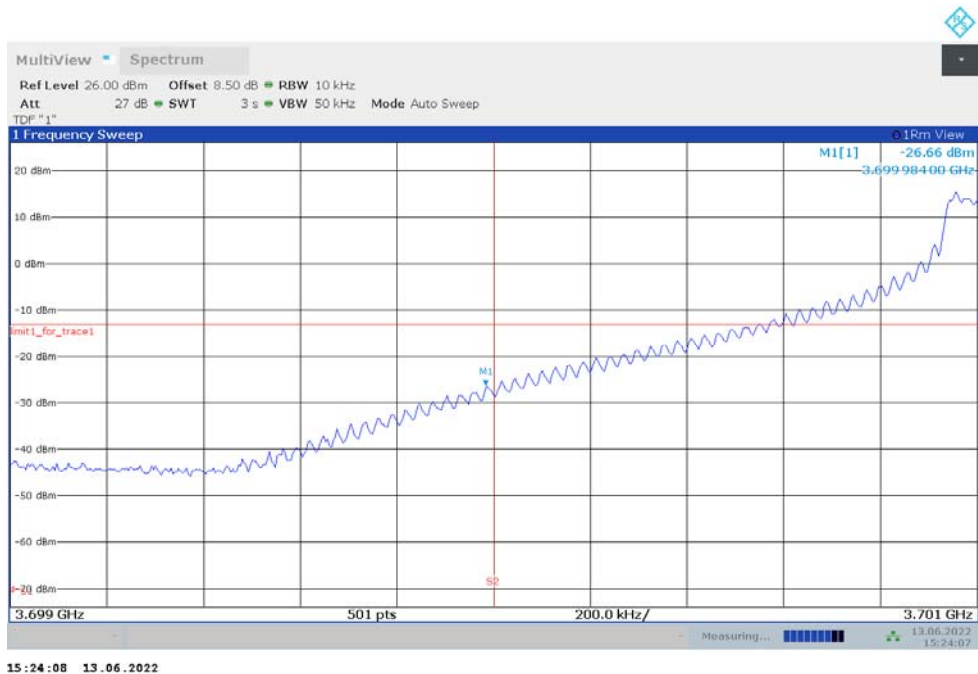
### HIGH BAND EDGE BLOCK-20M-100%RB

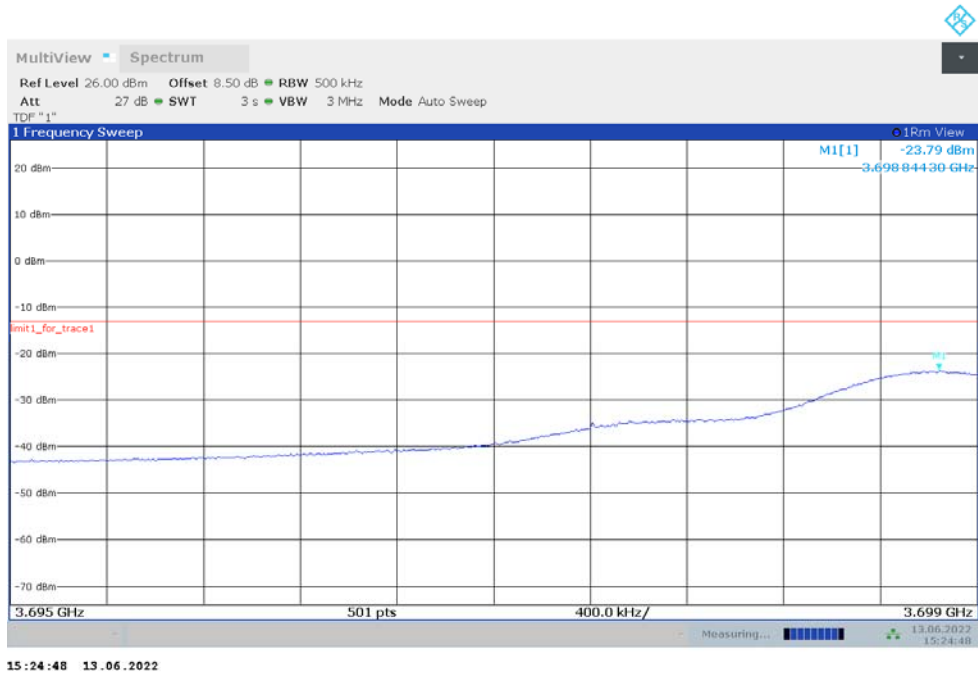


NR band 77H@CA\_5A-77H  
 OBW: 1RB-LOW\_offset

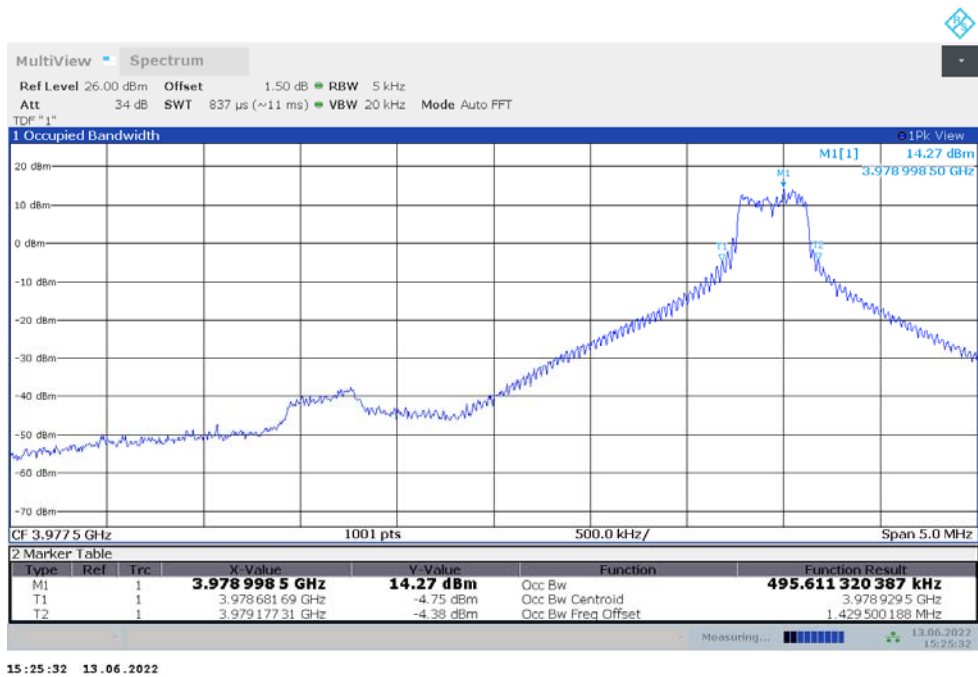


LOW BAND EDGE BLOCK-1RB-LOW\_offset



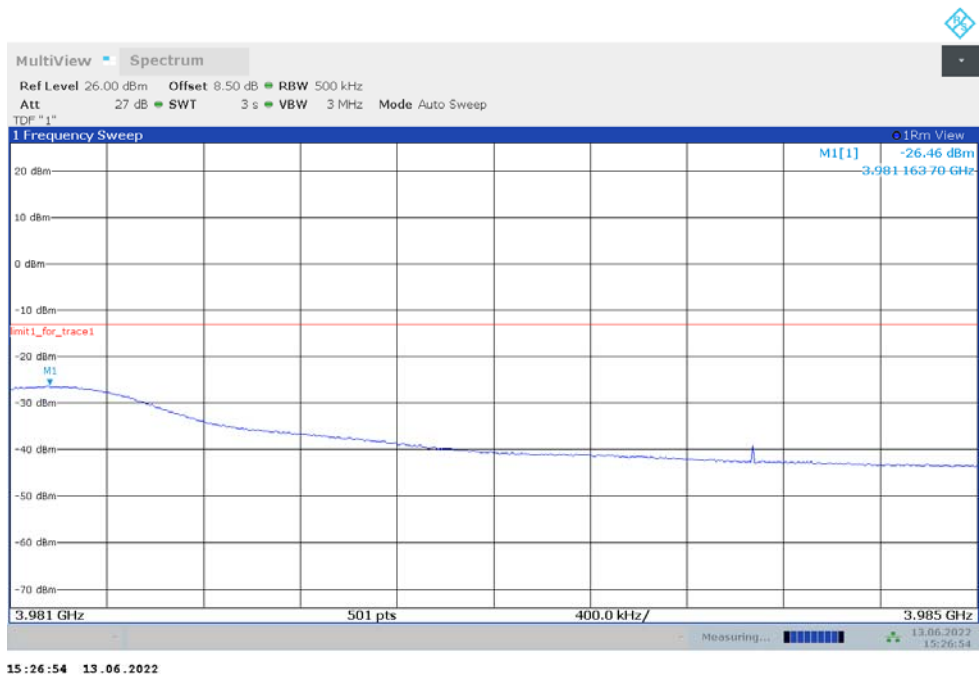
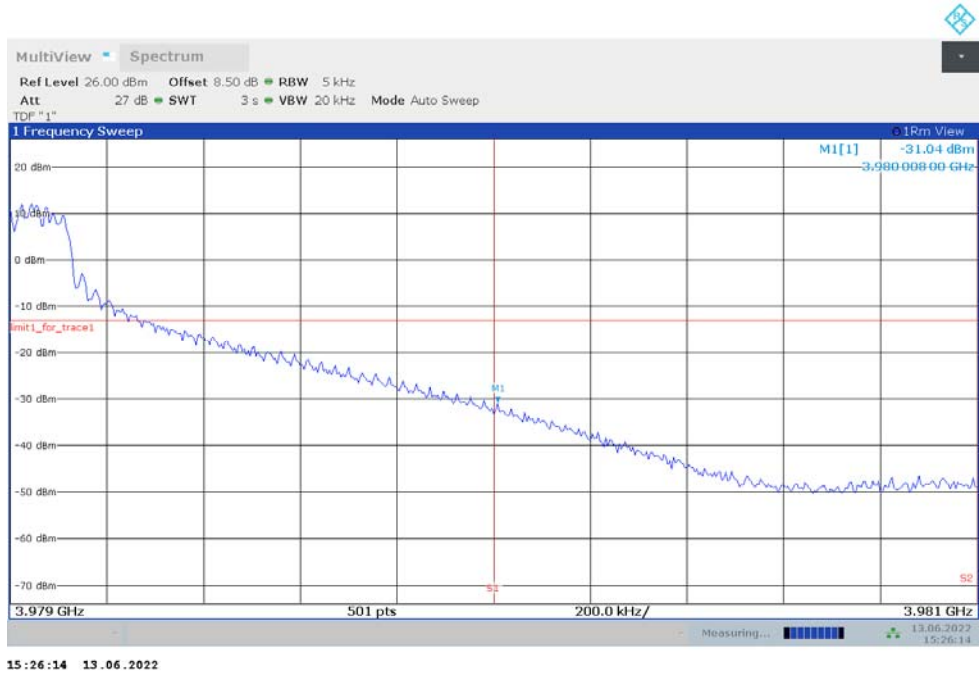


**OBW: 1RB-HIGH\_offset**

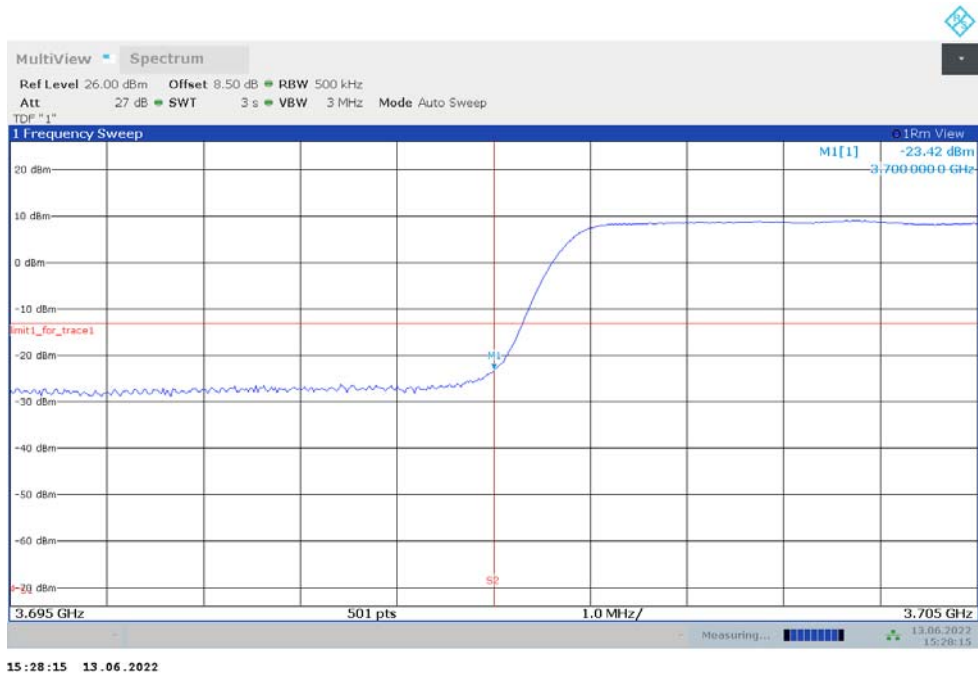




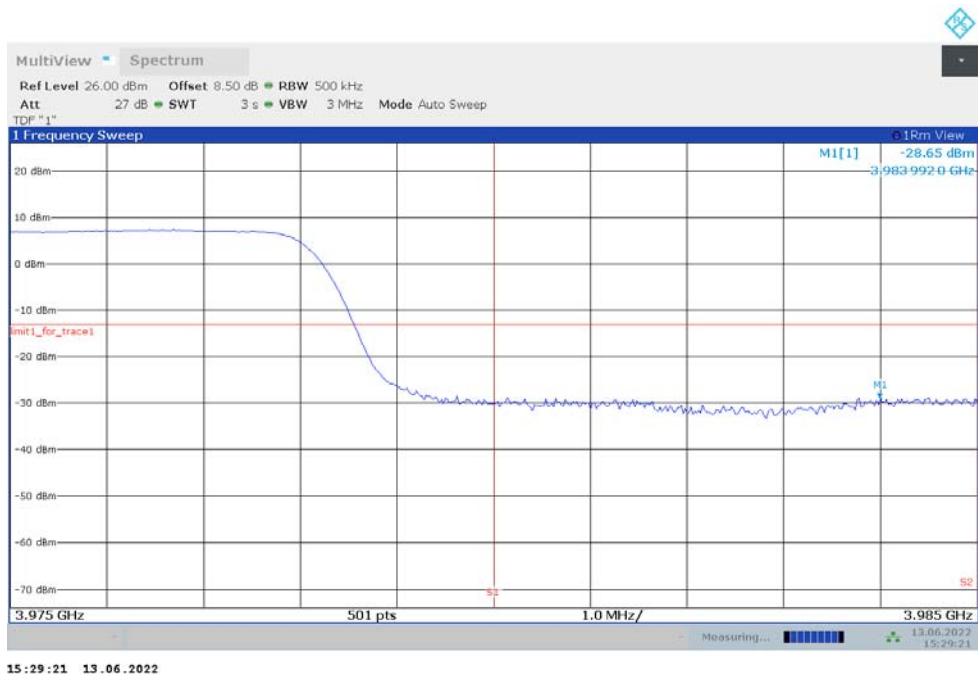
**HIGH BAND EDGE BLOCK-1RB-HIGH\_offset**



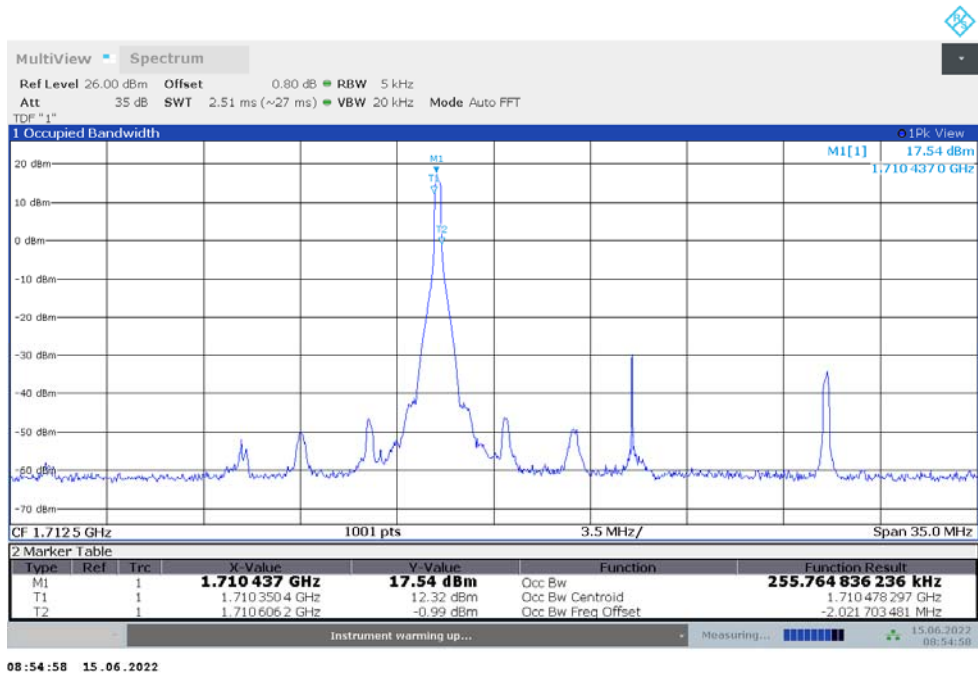
### LOW BAND EDGE BLOCK-100M-100%RB



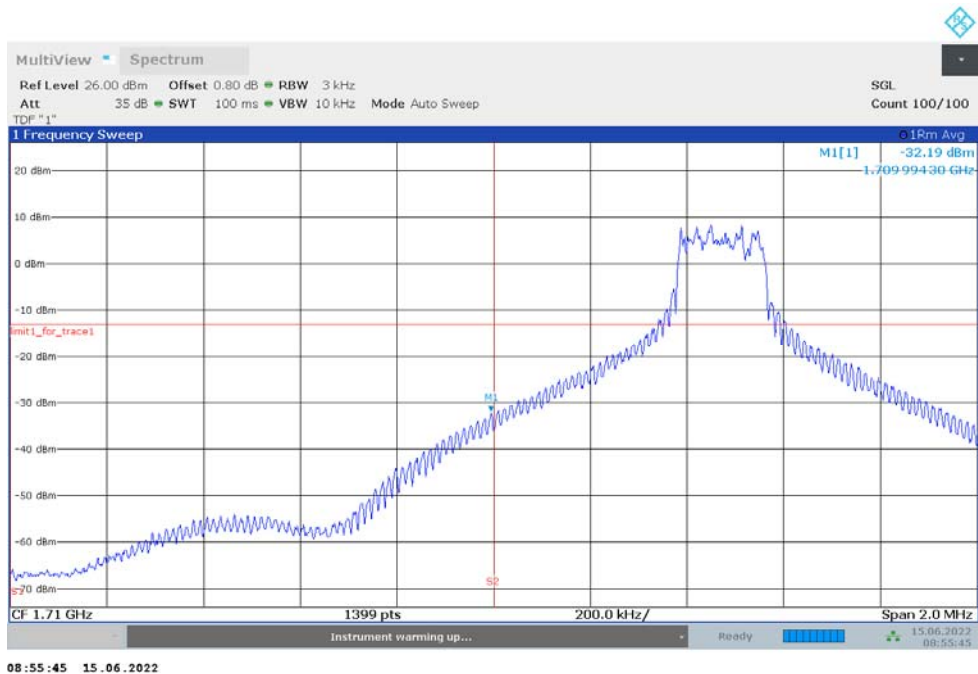
### HIGH BAND EDGE BLOCK-100M-100%RB



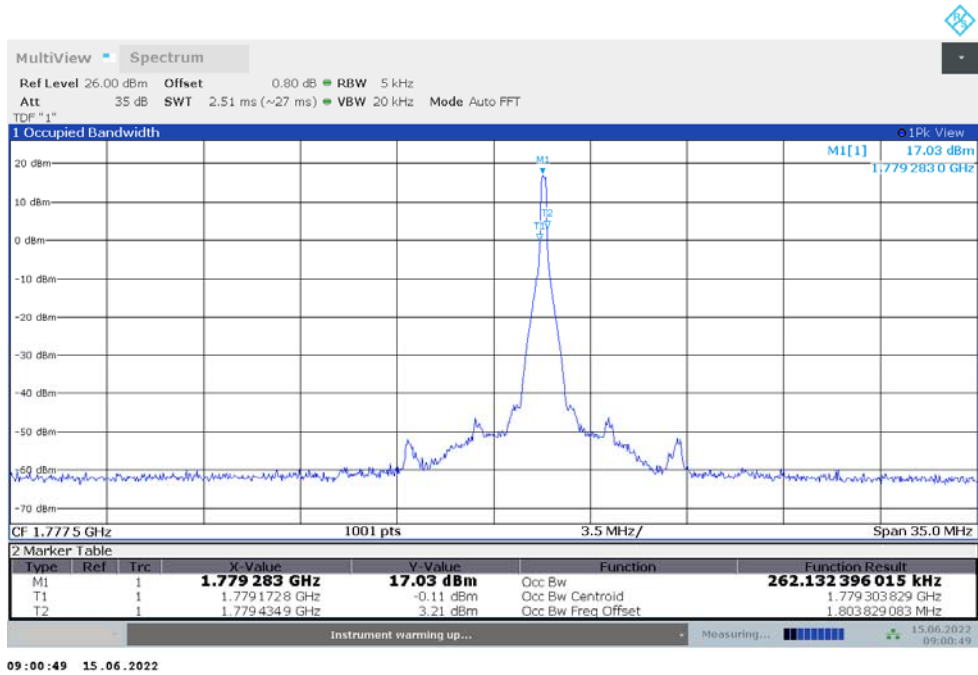
NR band 66@CA\_66A-77L  
 OBW: 1RB-LOW\_offset



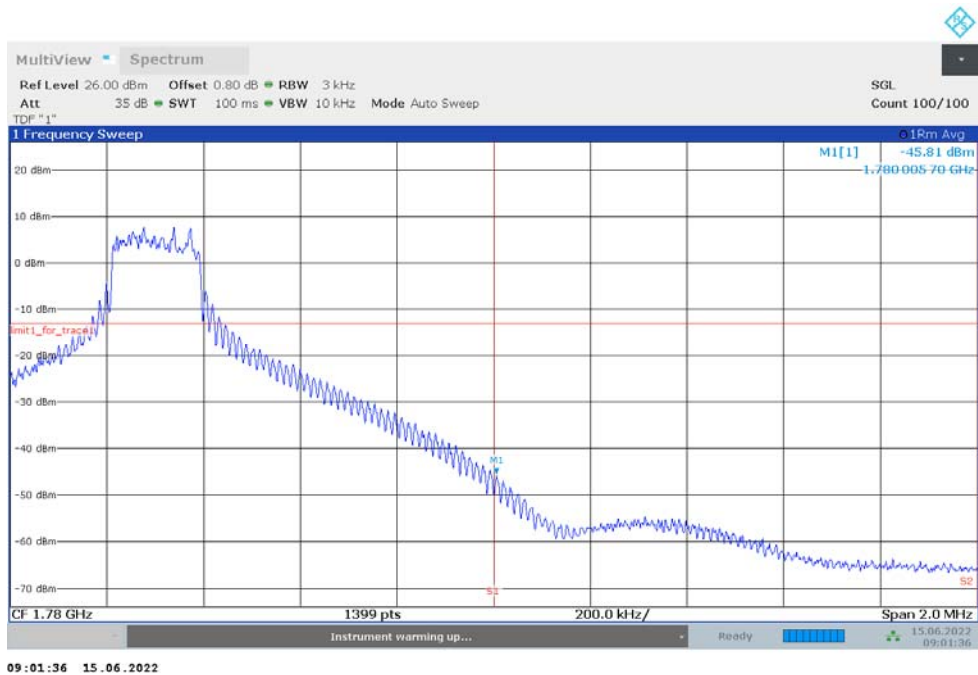
LOW BAND EDGE BLOCK-1RB-LOW\_offset



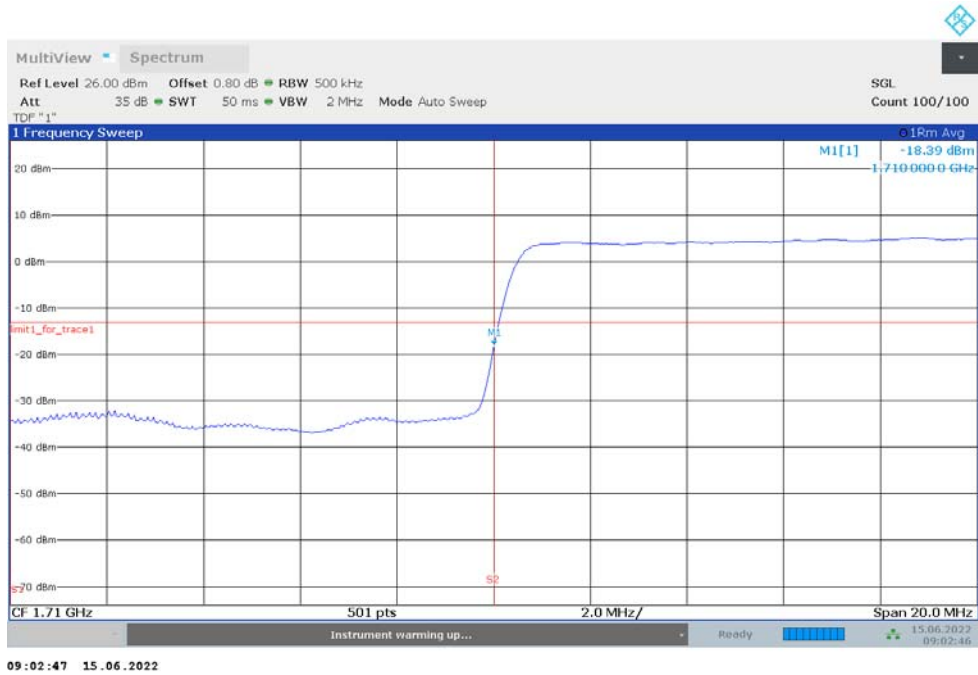
### OBW: 1RB-HIGH\_offset



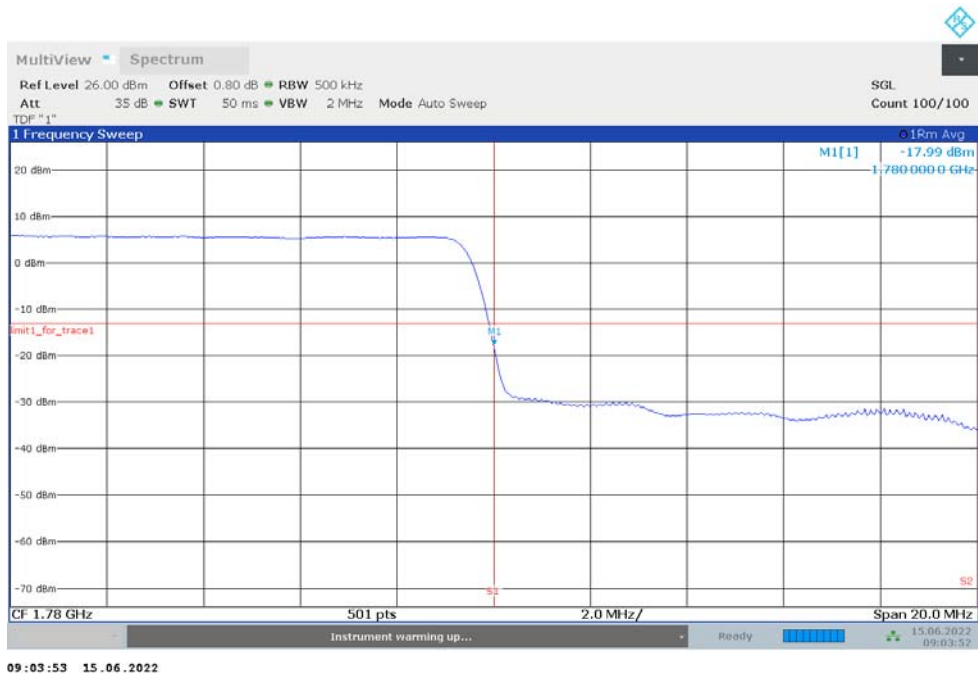
### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



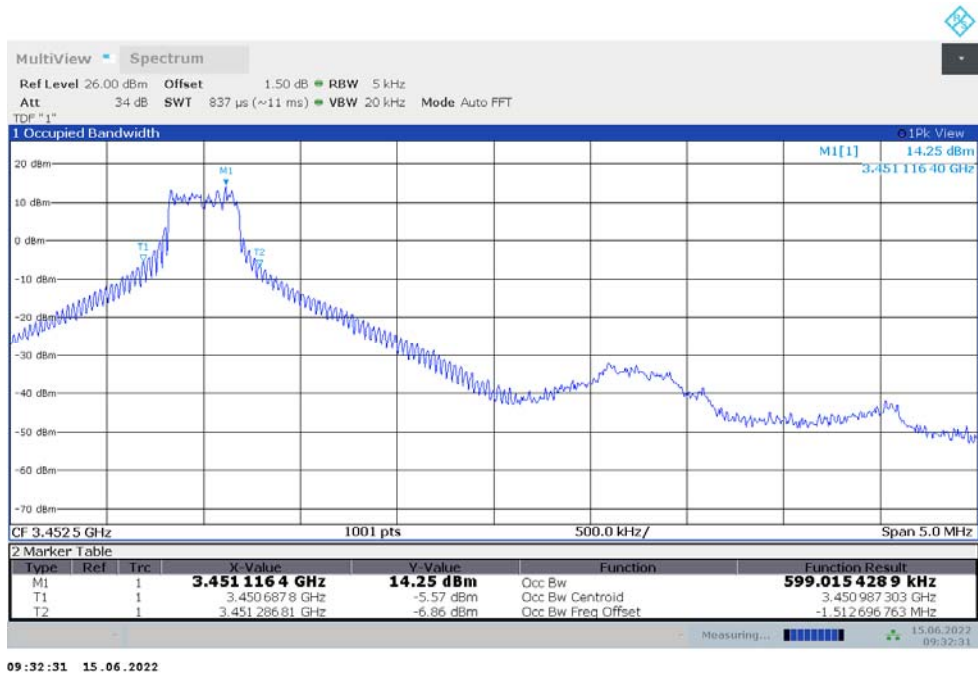
### LOW BAND EDGE BLOCK-40M-100%RB



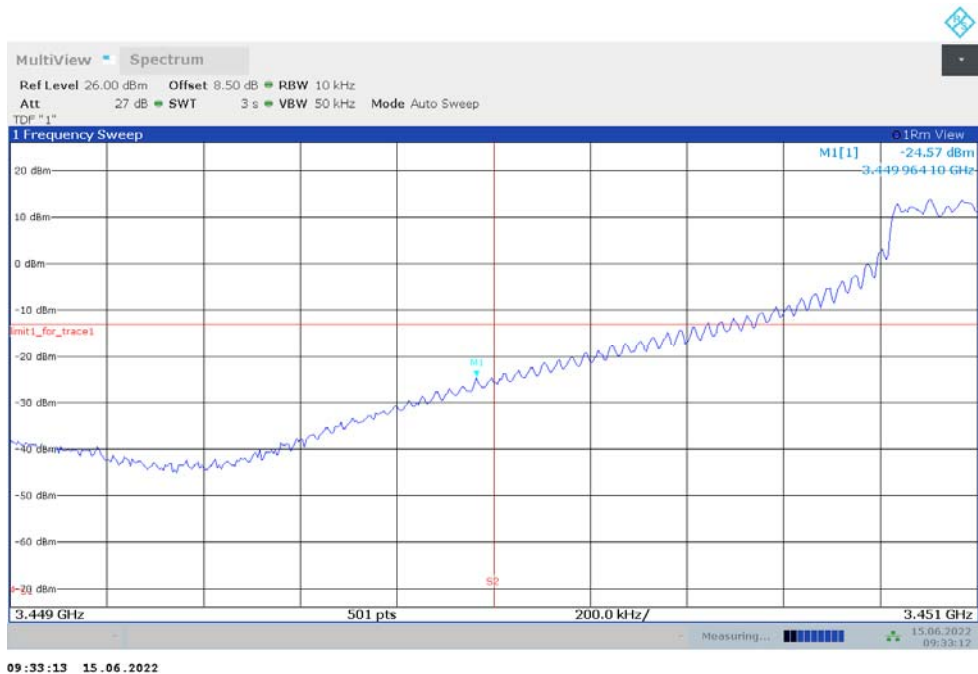
### HIGH BAND EDGE BLOCK-40M-100%RB

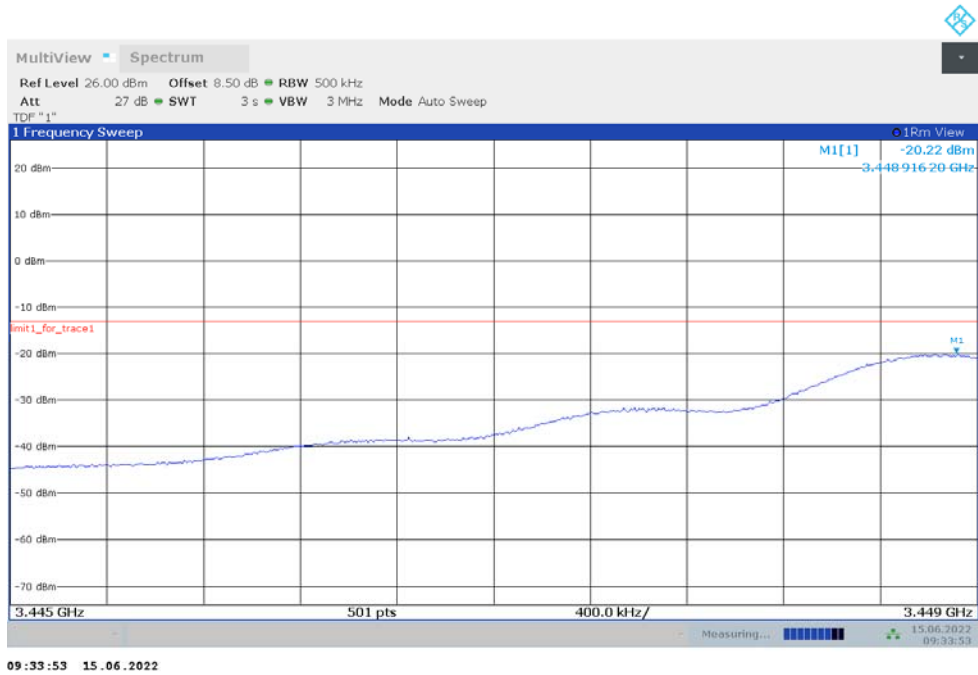


NR band 77L@CA\_66A-77L  
 OBW: 1RB-LOW\_offset

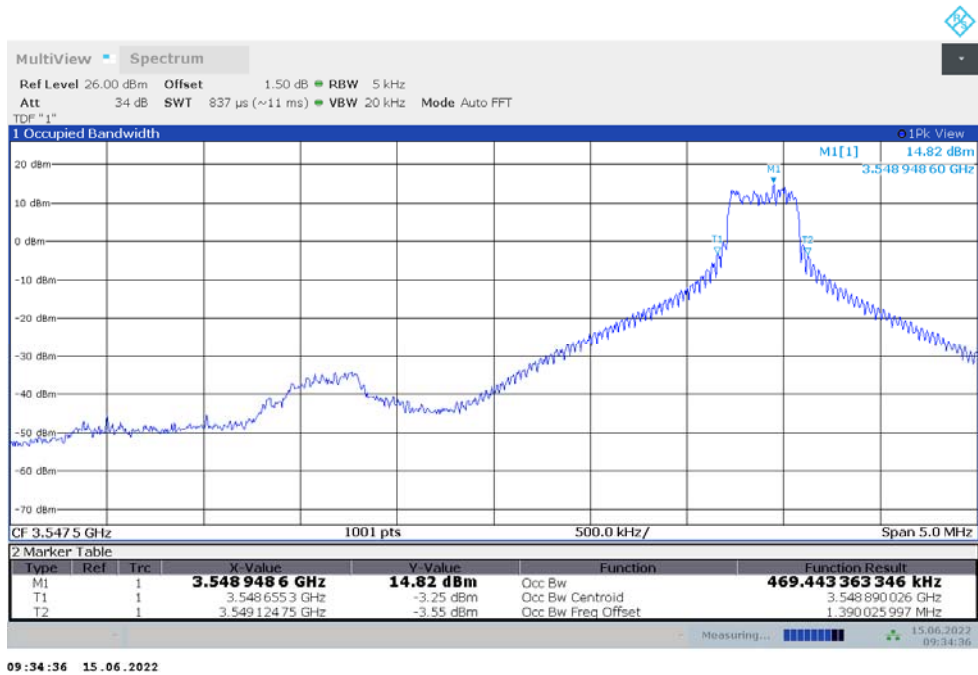


LOW BAND EDGE BLOCK-1RB-LOW\_offset

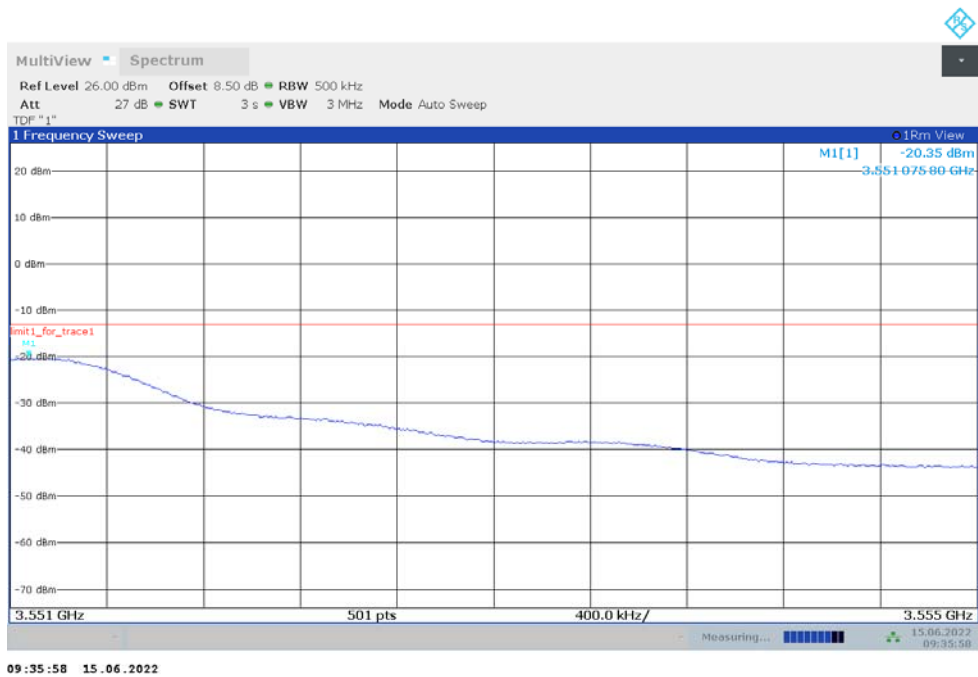
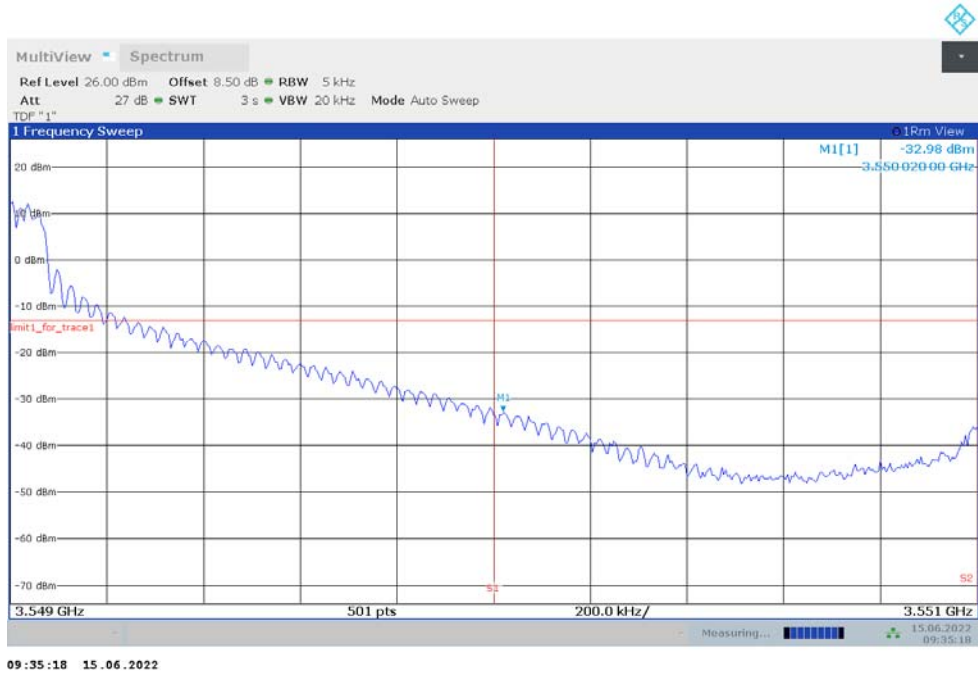




**OBW: 1RB-HIGH\_offset**

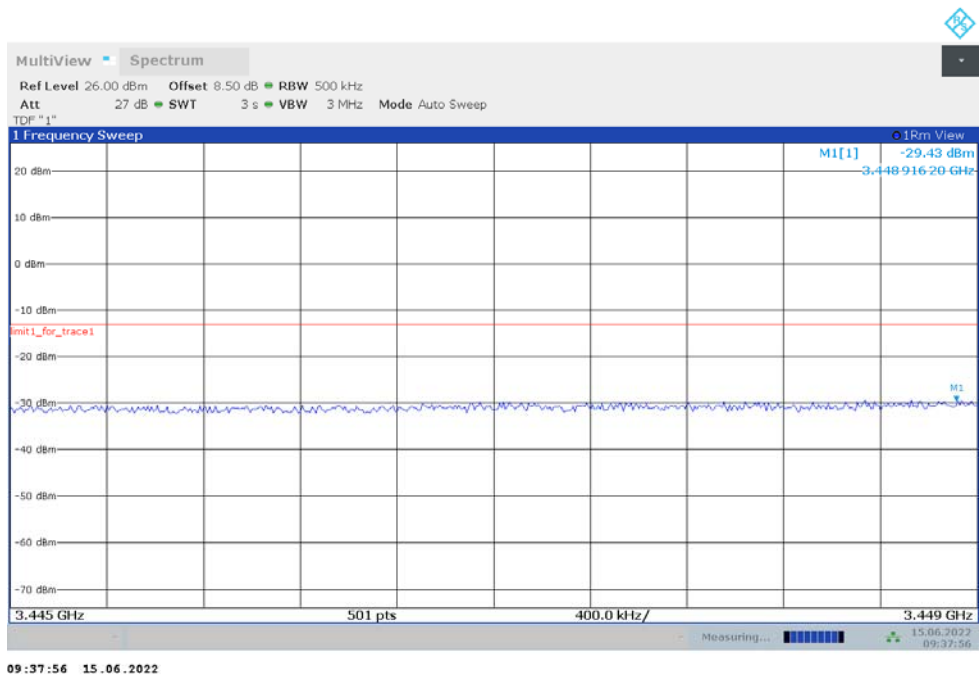
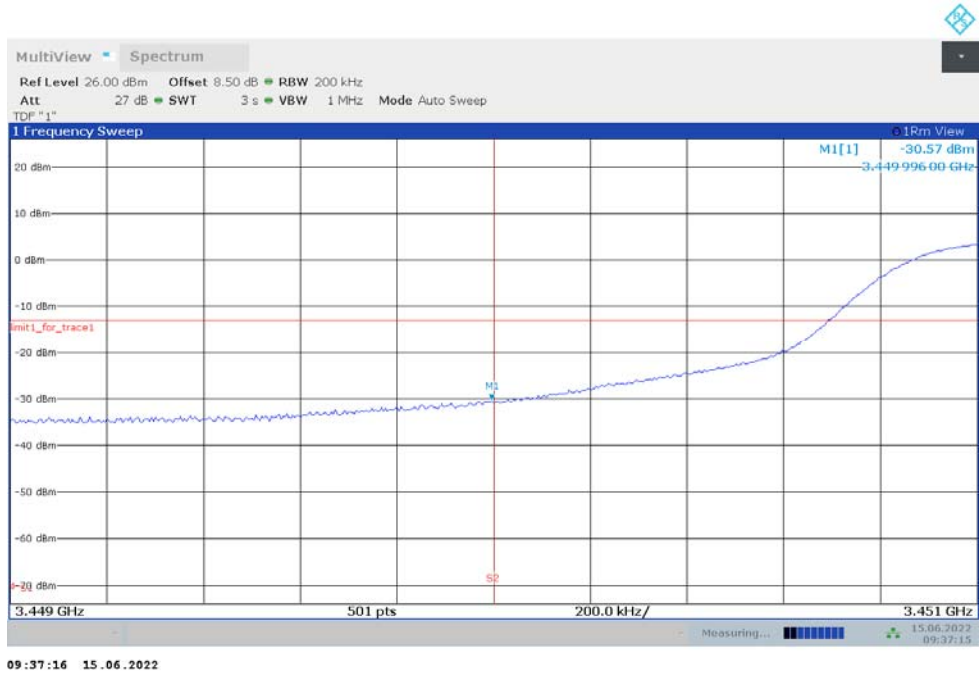


### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset

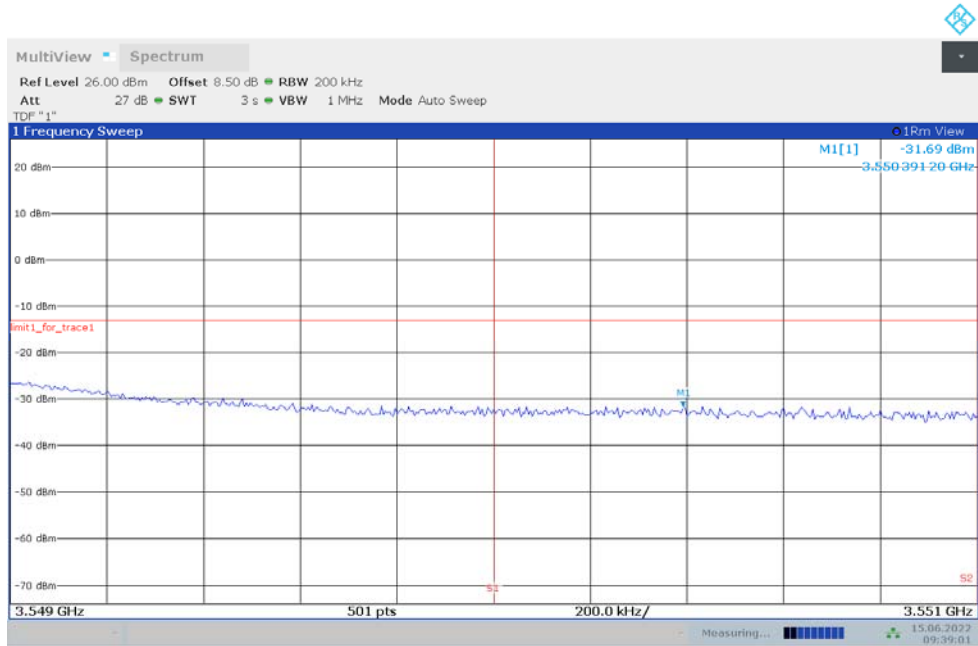




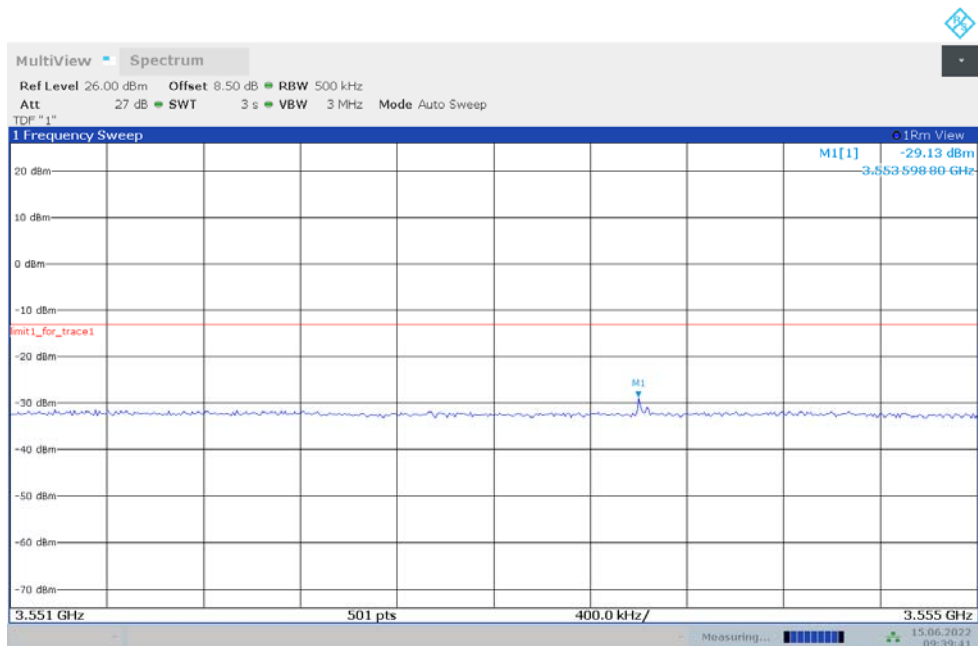
### LOW BAND EDGE BLOCK-90M-100%RB



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

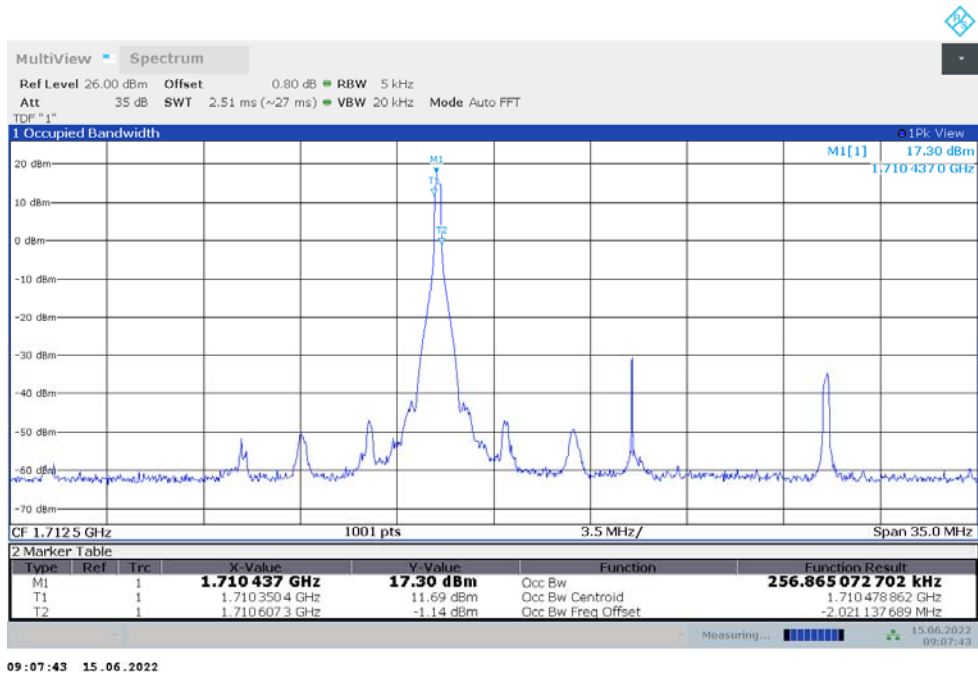


09:39:01 15.06.2022

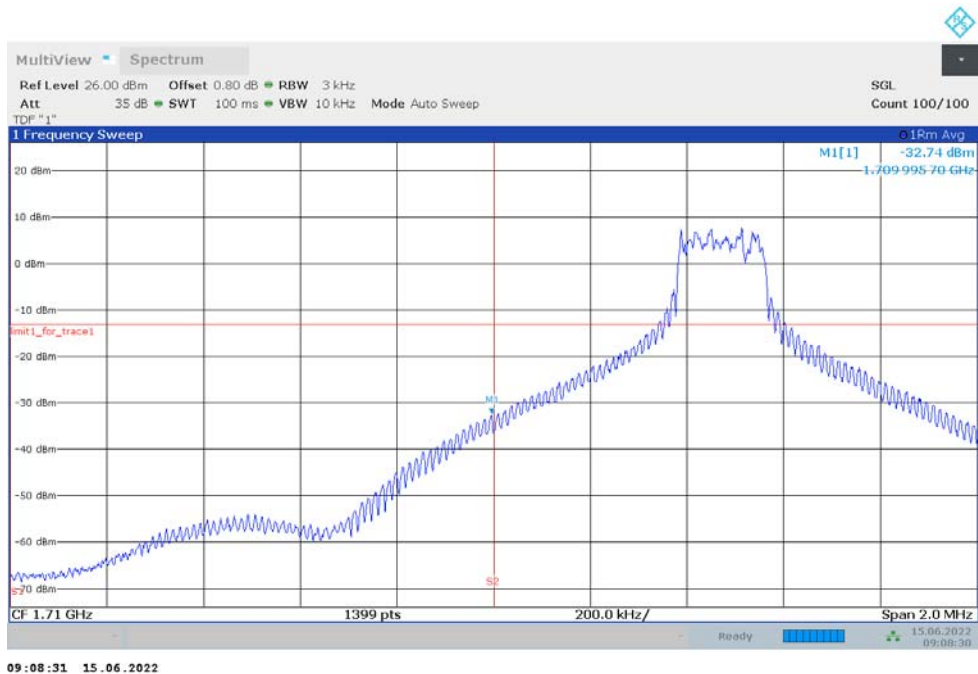


09:39:41 15.06.2022

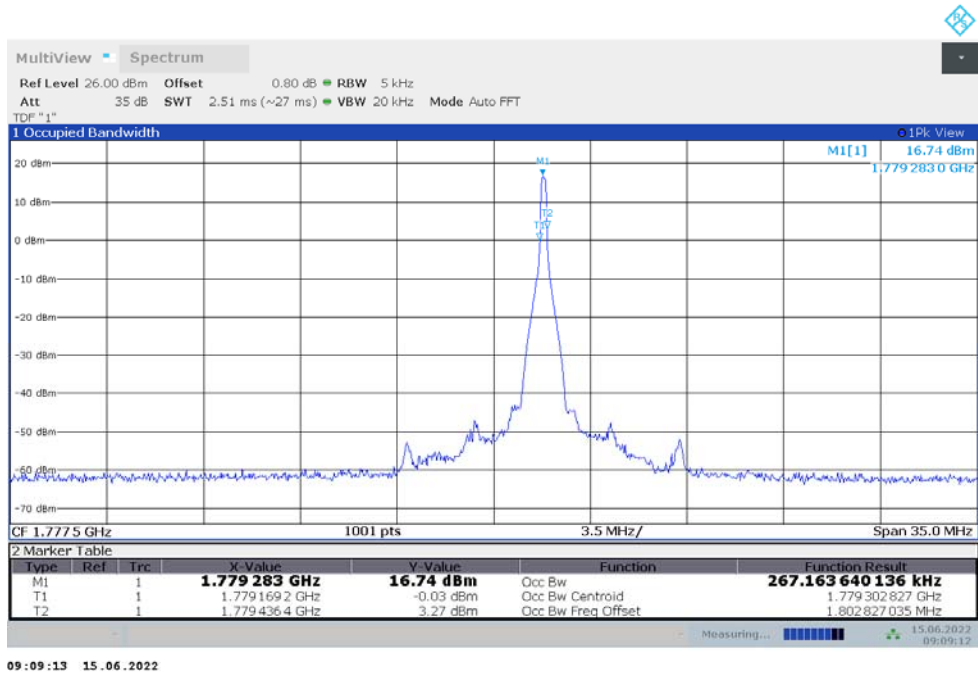
NR band 66@CA\_66A-77H  
 OBW: 1RB-LOW\_offset



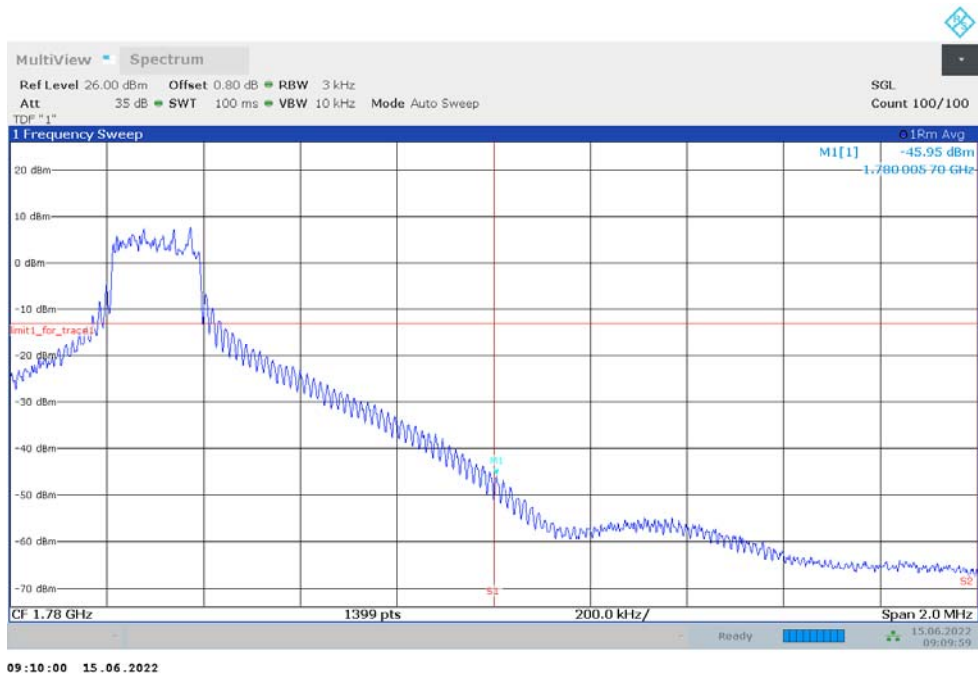
LOW BAND EDGE BLOCK-1RB-LOW\_offset



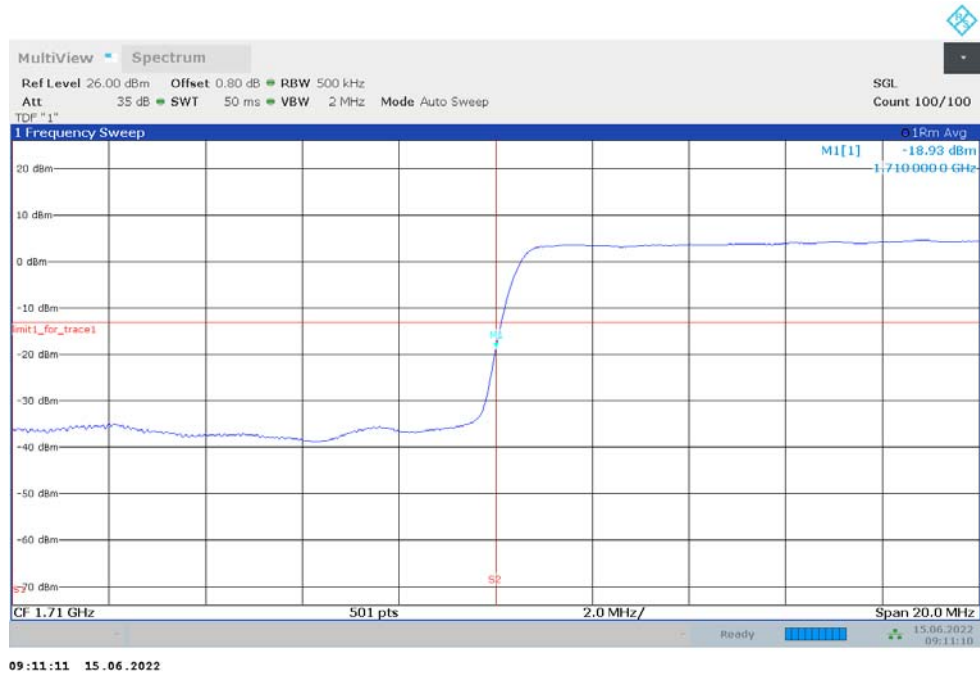
### OBW: 1RB-HIGH\_offset



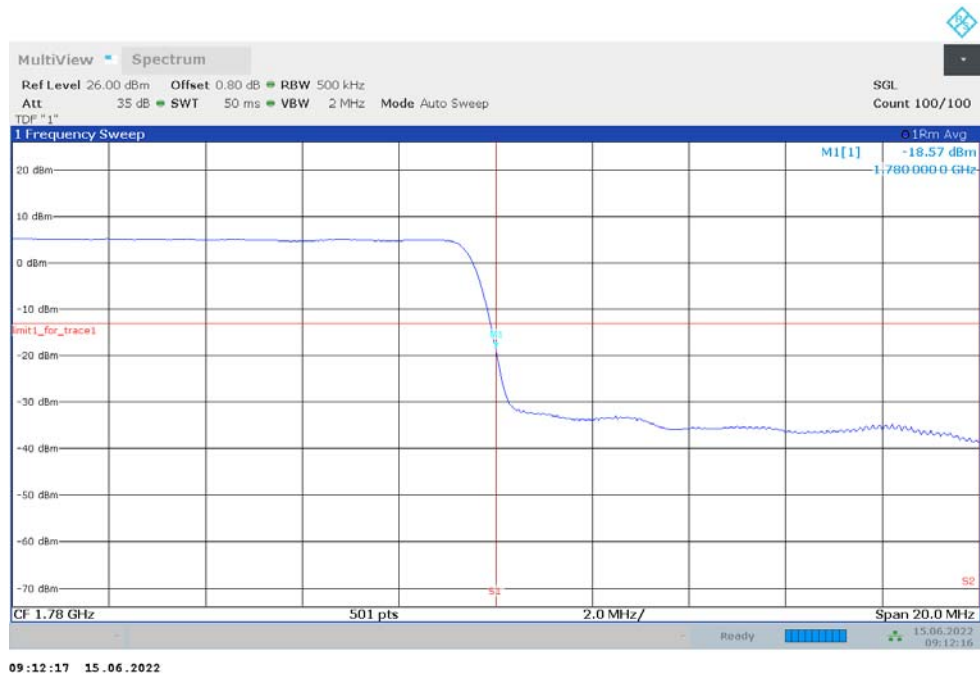
### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



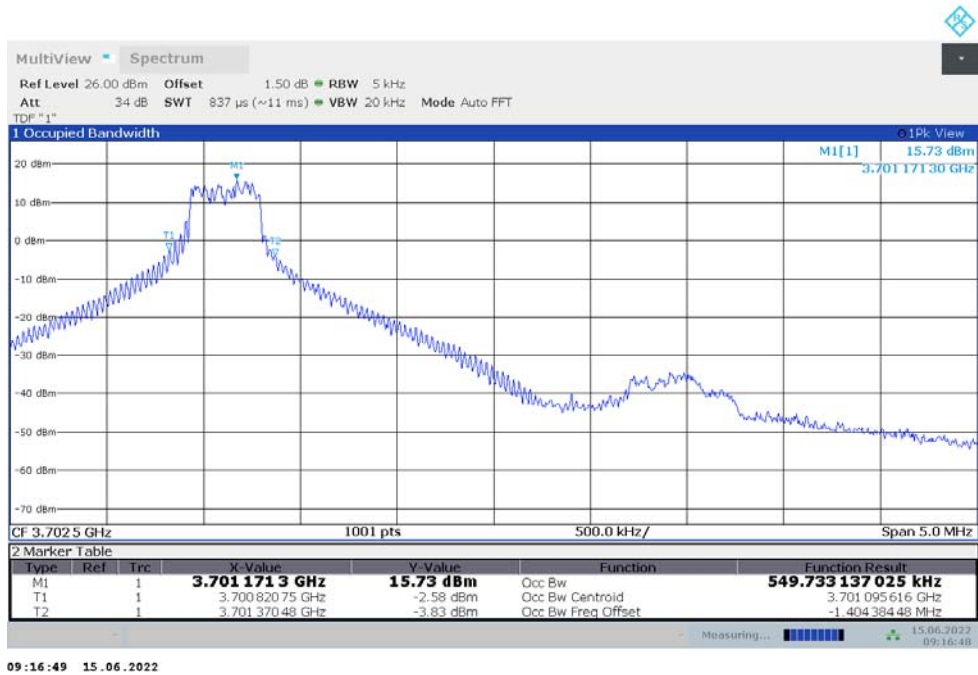
### LOW BAND EDGE BLOCK-40M-100%RB



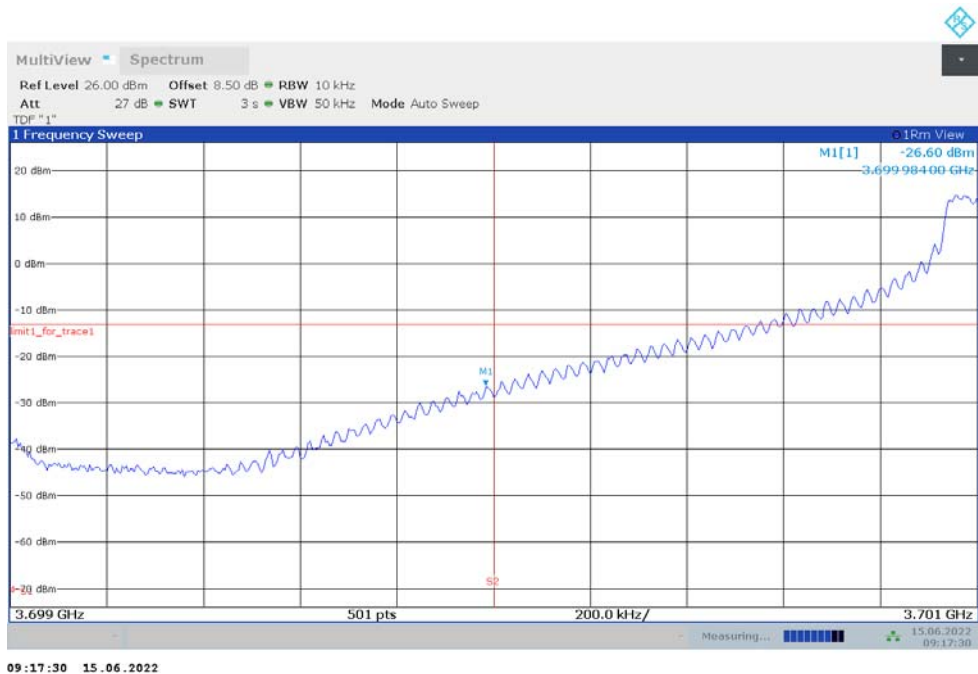
### HIGH BAND EDGE BLOCK-40M-100%RB

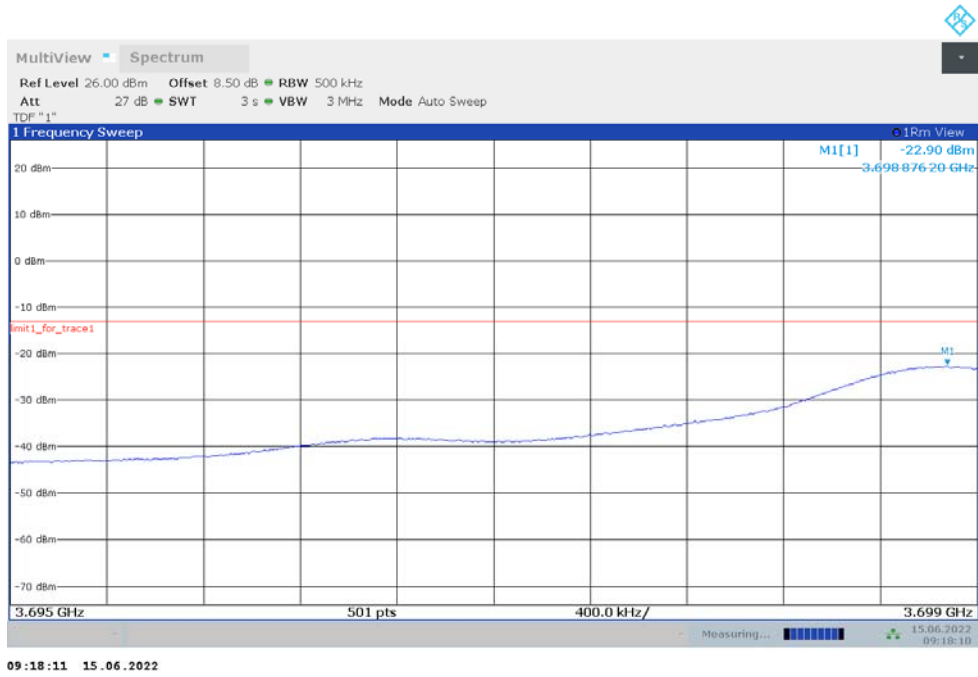


NR band 77H@CA\_66A-77H  
 OBW: 1RB-LOW\_offset



LOW BAND EDGE BLOCK-1RB-LOW\_offset

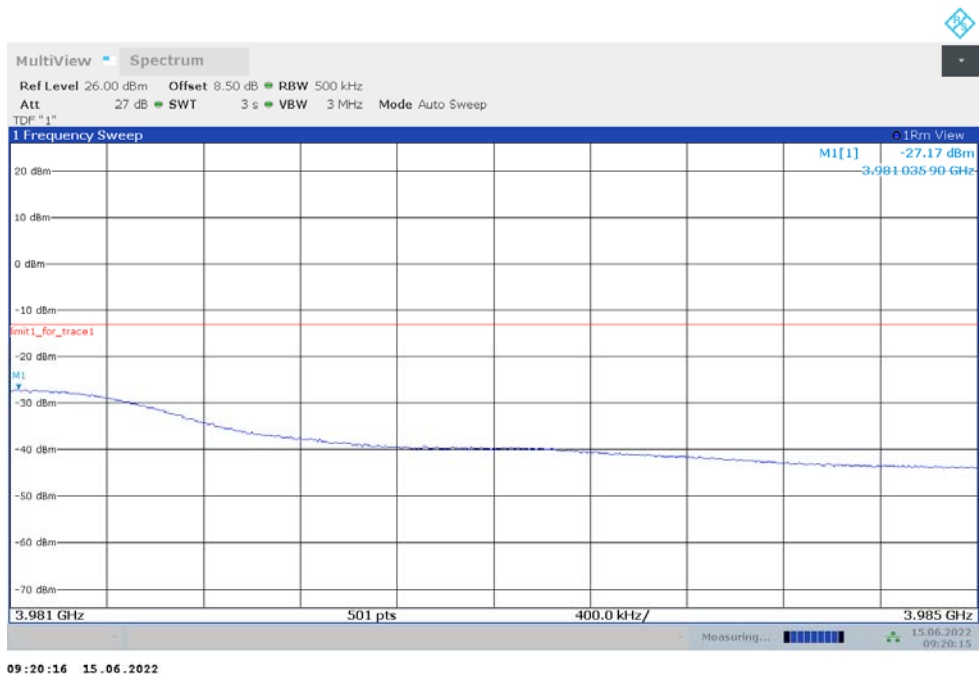
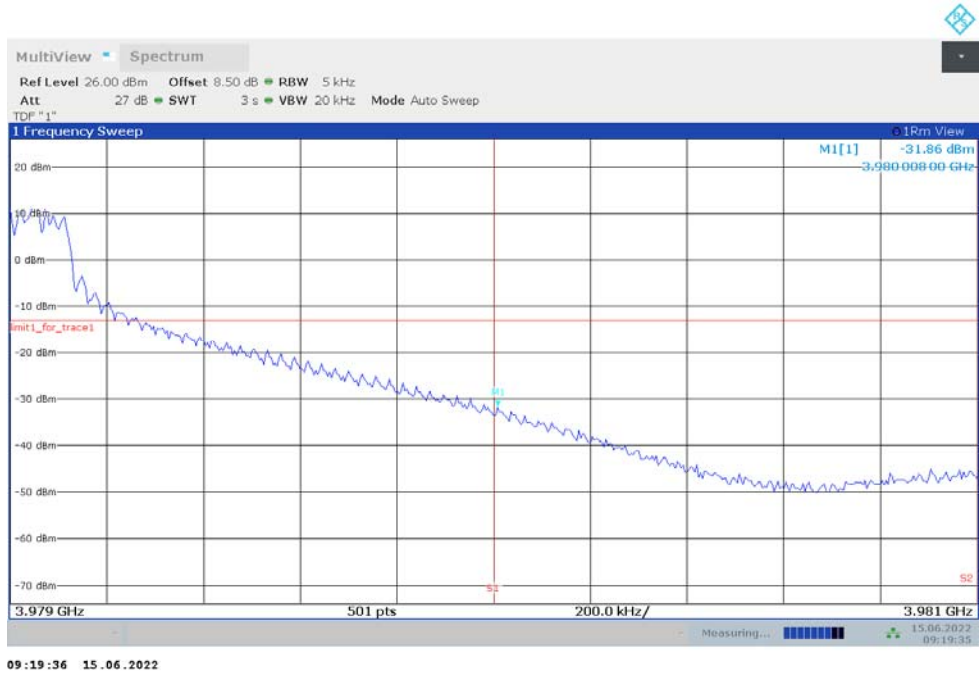




**OBW: 1RB-HIGH\_offset**

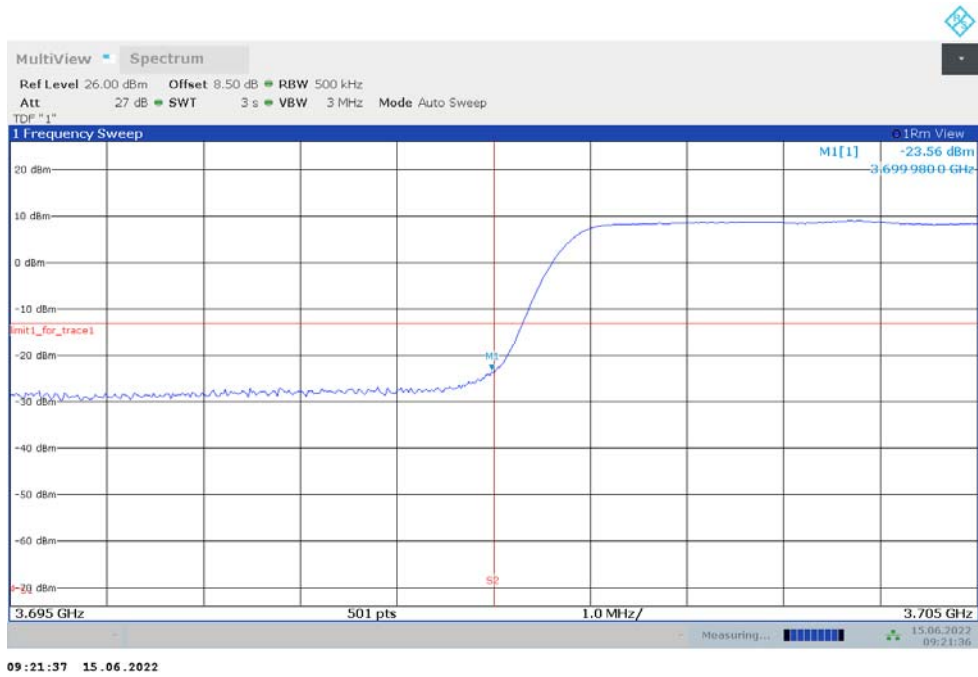


**HIGH BAND EDGE BLOCK-1RB-HIGH\_offset**

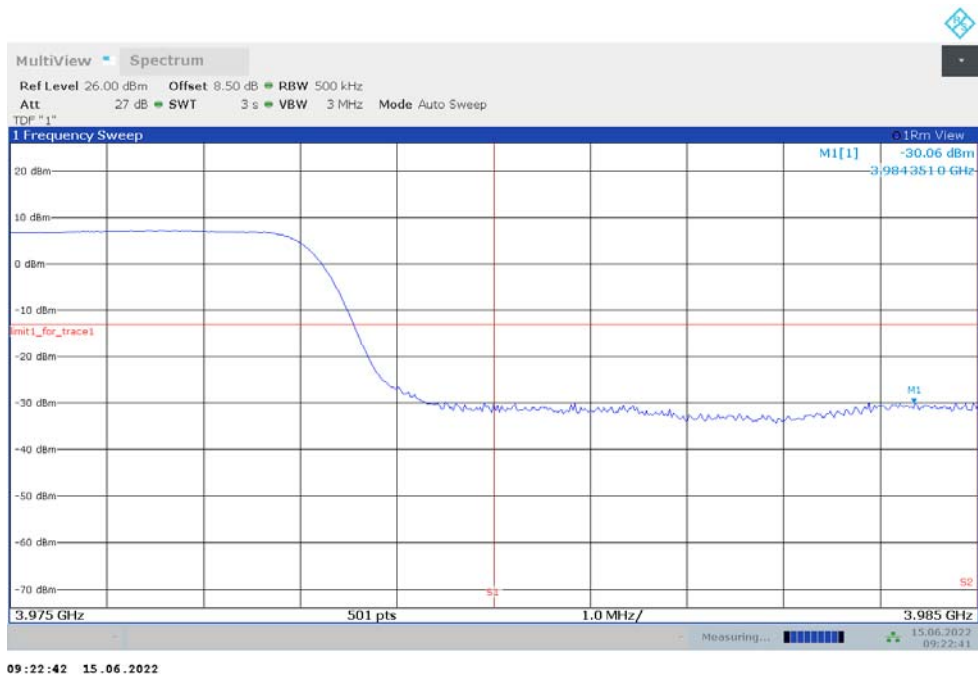




### LOW BAND EDGE BLOCK-100M-100%RB



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



## **A.7 Conducted Spurious Emission**

### **A.7.1 Measurement Method**

The following steps outline the procedure used to measure the conducted emissions from the EUT.

1. In measuring unwanted emissions, the spectrum shall be investigated from 30 MHz or the lowest radio frequency signal generated in the equipment, whichever is lower, without going below 9 kHz, up to at least the frequency given below:
  - (a) If the equipment operates below 10 GHz: to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.
  - (b) If the equipment operates at or above 10 GHz: to the fifth harmonic of the highest fundamental frequency or to 100 GHz, whichever is lower.
2. Determine EUT transmit frequencies: below outlines the band edge frequencies pertinent to conducted emissions testing.
3. The number of sweep points of spectrum analyzer is greater than  $2 \times \text{span/RBW}$ .

### **A. 7.2 Measurement Limit**

Part 22.917, Part 24.238 and Part 27.53(h) specify 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 96.41(e) states for channel and frequency assignments made by a CBSD to End User Devices, the conducted power of any End User Device emission outside the fundamental emission (whether in or outside of the authorized band) shall not exceed  $-13$  dBm/MHz within 0 to B megahertz (where B is the bandwidth in megahertz of the assigned channel or multiple contiguous channels of the End User Device) above the upper CBSD-assigned channel edge and within 0 to B megahertz below the lower CBSD-assigned channel edge. At all frequencies greater than B megahertz above the upper CBSD assigned channel edge and less than B megahertz below the lower CBSD-assigned channel edge, the conducted power of any End User Device emission shall not exceed  $-25$  dBm/MHz. Notwithstanding the emission limits in this paragraph, the Adjacent Channel Leakage Ratio for End User Devices shall be at least 30 dB.

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  $-13$  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

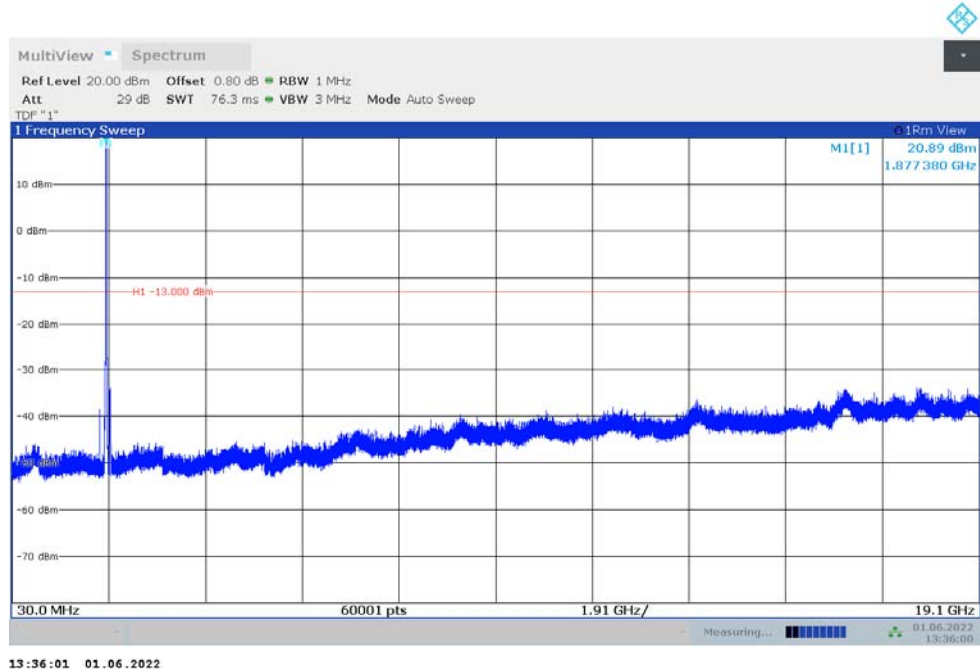


emission outside the licensee's authorized bandwidth shall not exceed  $-13$  dBm/MHz. Compliance with this paragraph (1)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent 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.

### A. 7.3 Measurement result

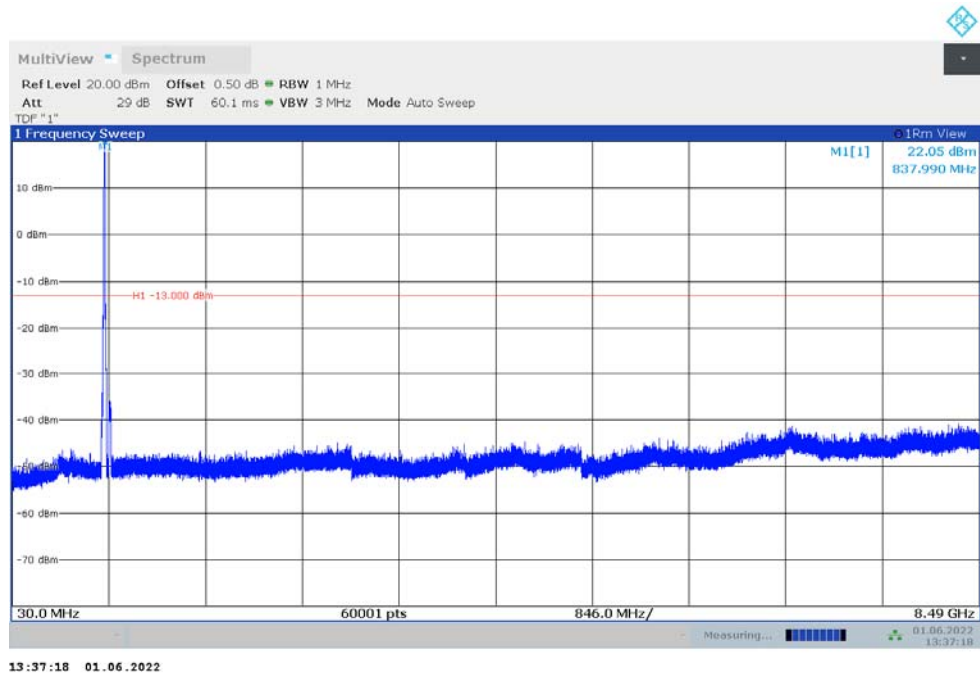
n2

NOTE: peak above the limit line is the carrier frequency.



n5

NOTE: peak above the limit line is the carrier frequency.



n48

**NOTE: peak above the limit line is the carrier frequency.**

