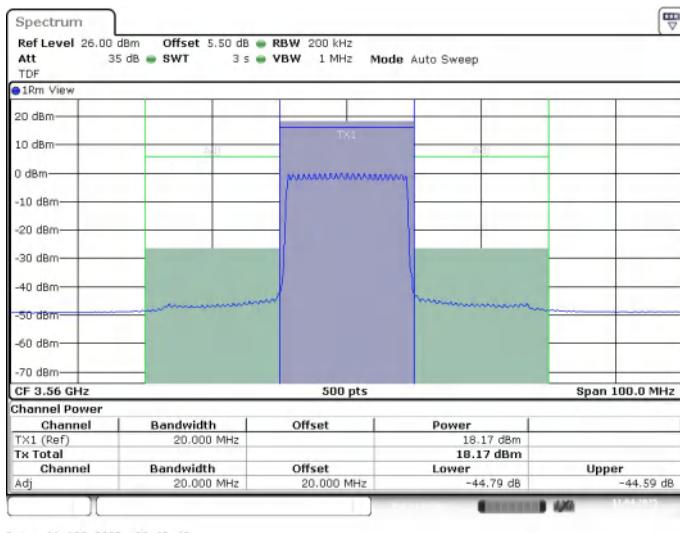
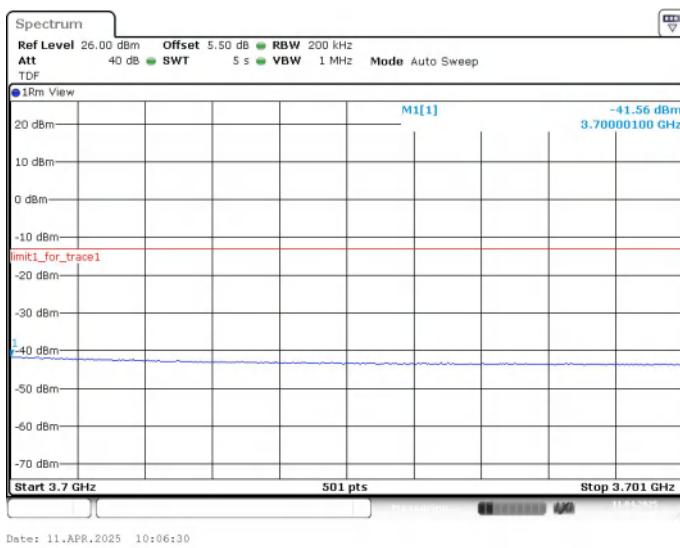


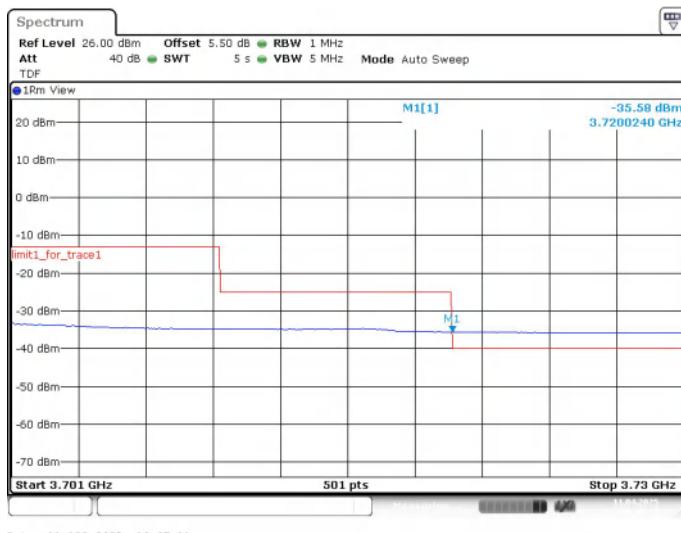
## ACLR



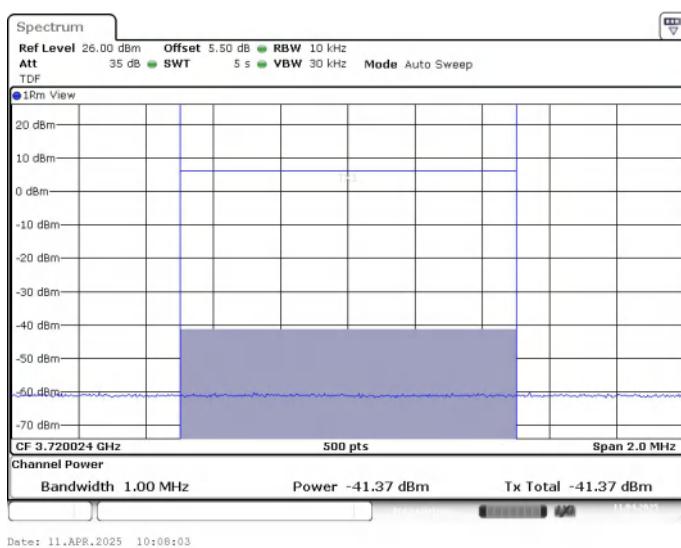
## HIGH BAND EDGE BLOCK-20MHz-100%RB



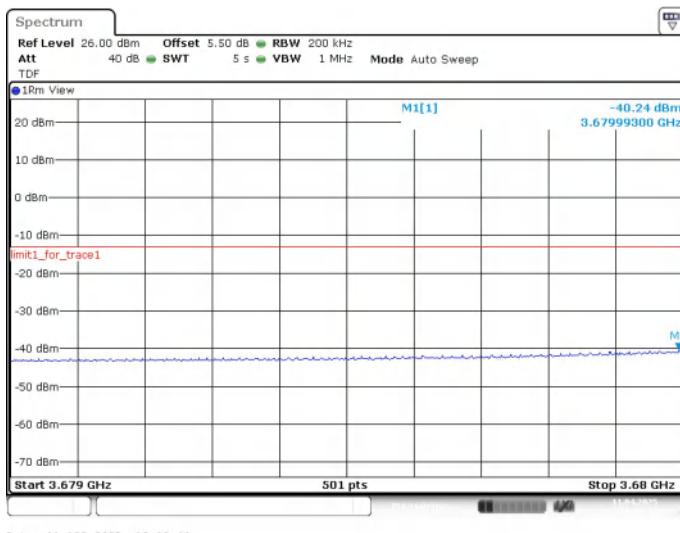
## HIGH BAND EDGE BLOCK-20MHz-100%RB



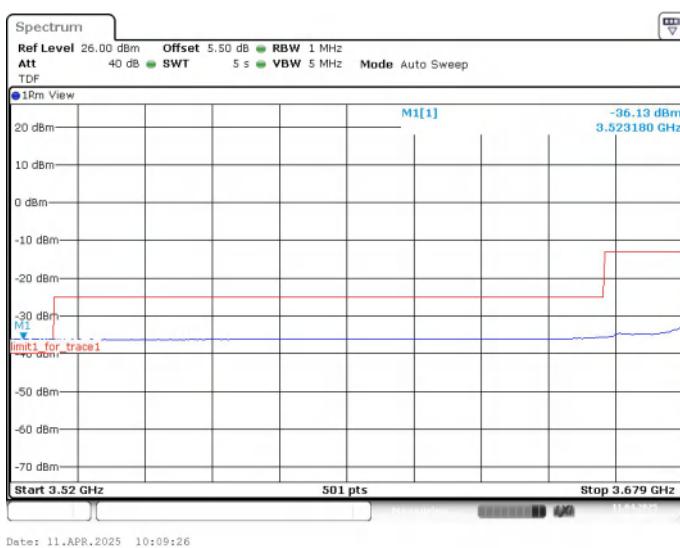
## Channel power



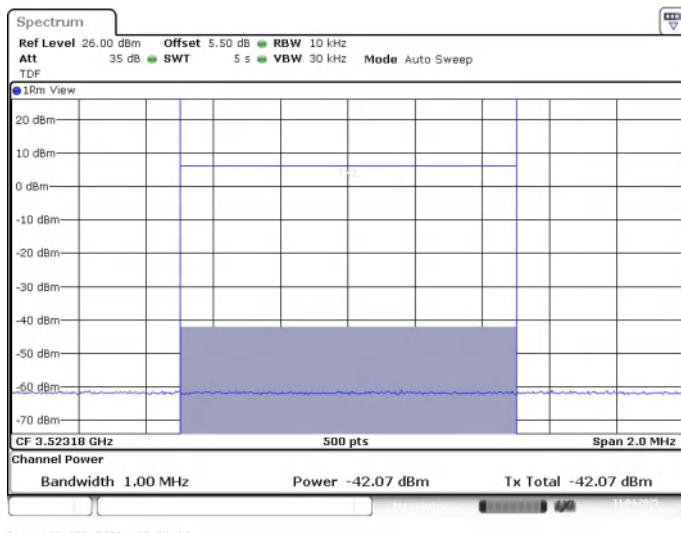
### HIGH BAND EDGE BLOCK-20MHz-100%RB



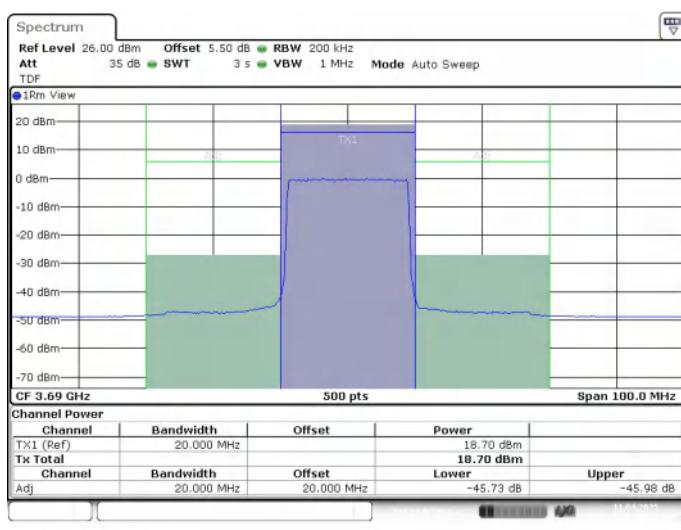
### HIGH BAND EDGE BLOCK-20MHz-100%RB



## Channel power

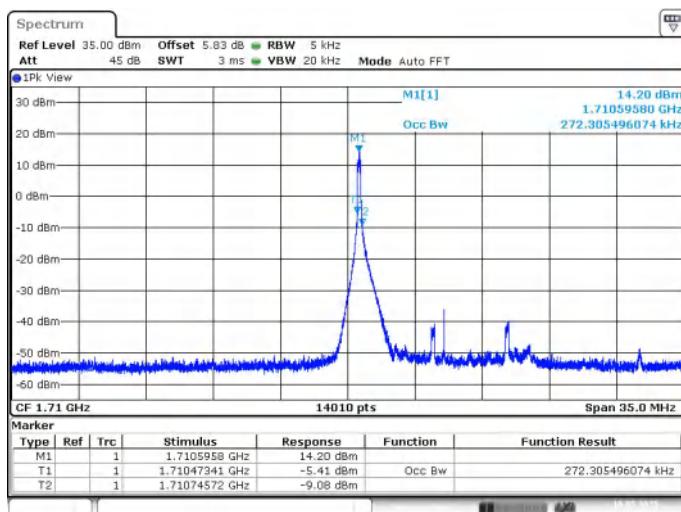


## ACLR

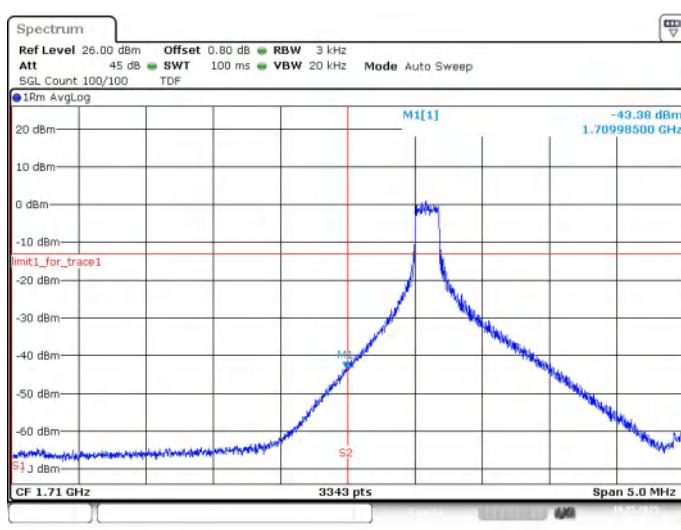


## LTE band 66

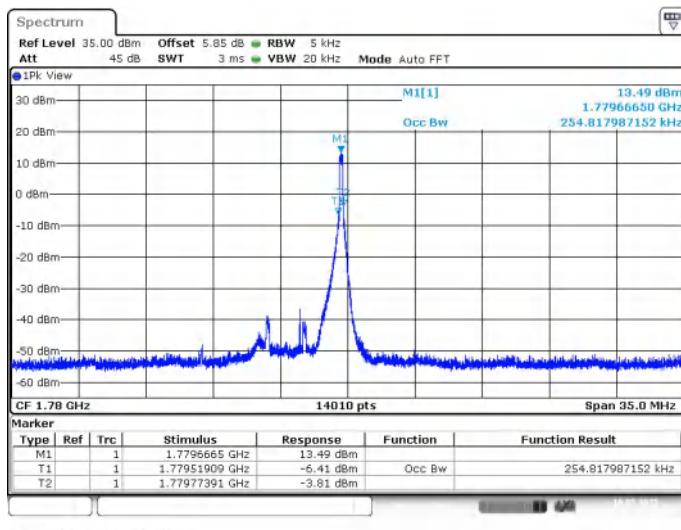
### OBW: 1RB-LOW\_offset



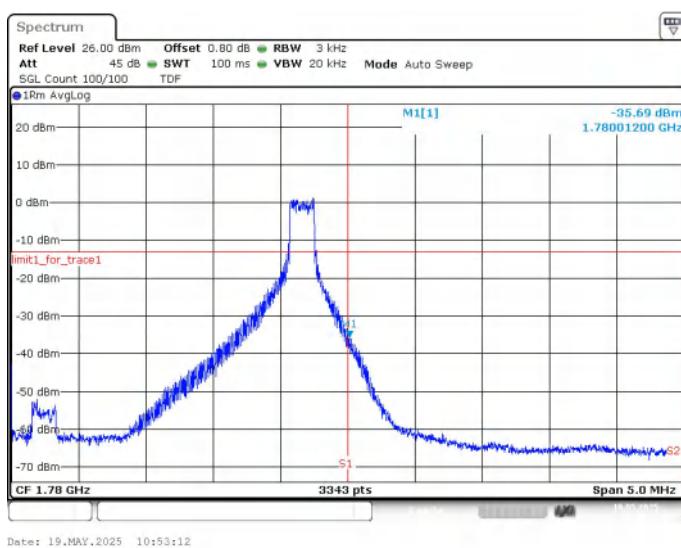
### LOW BAND EDGE BLOCK-1RB-LOW\_offset



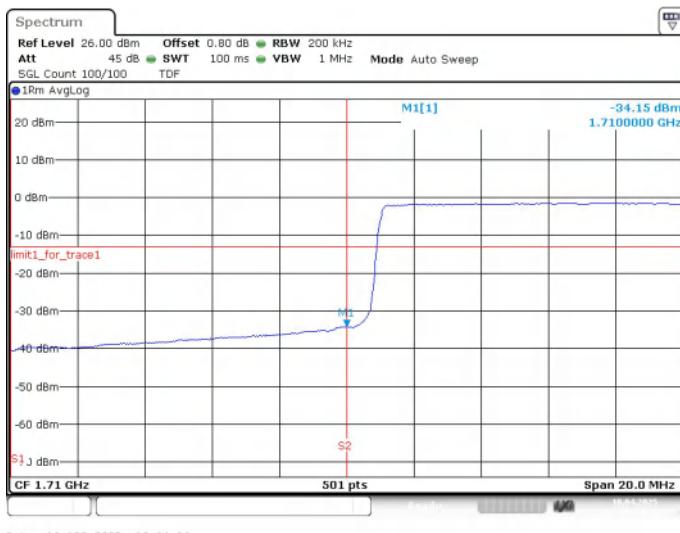
### OBW: 1RB-HIGH\_offset



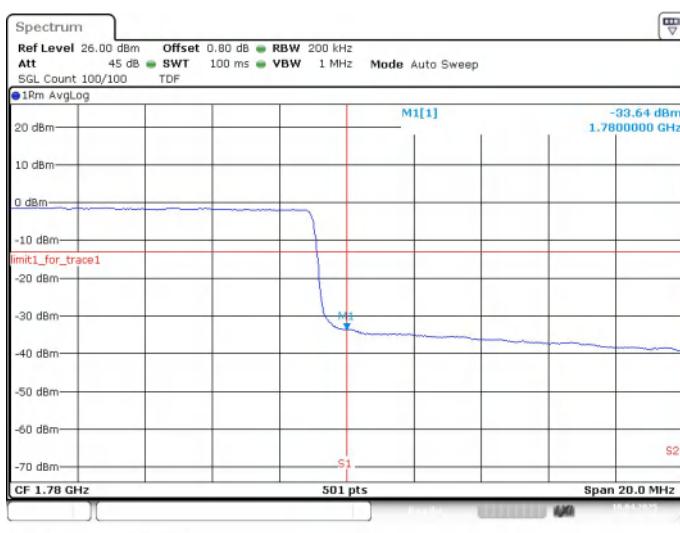
### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



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

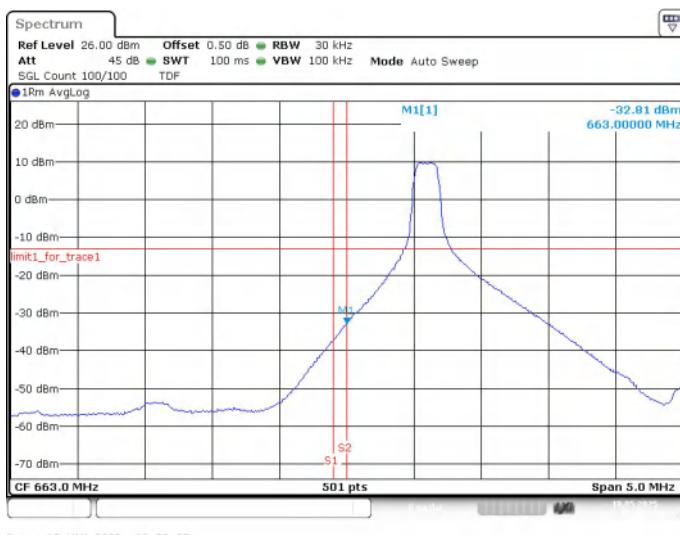


### HIGH BAND EDGE BLOCK-20MHz-100%RB

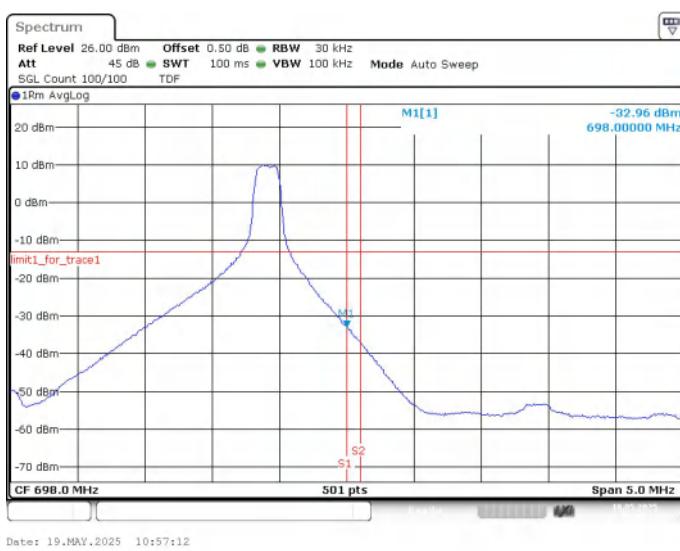


### LTE band 71

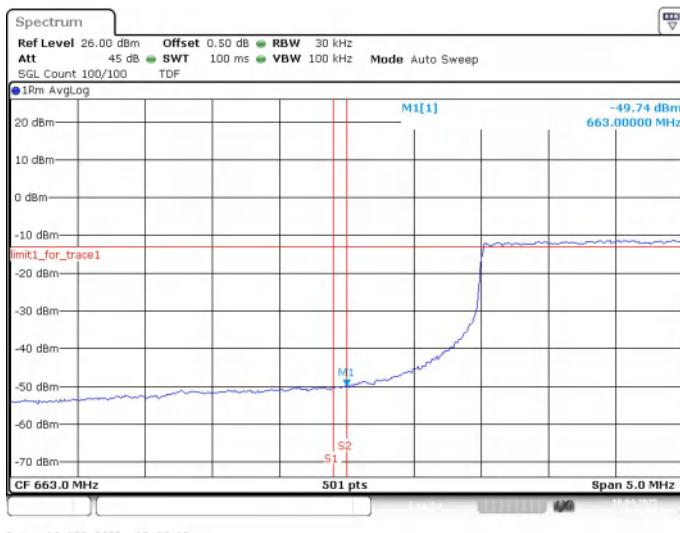
#### LOW BAND EDGE BLOCK-1RB-LOW\_offset



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

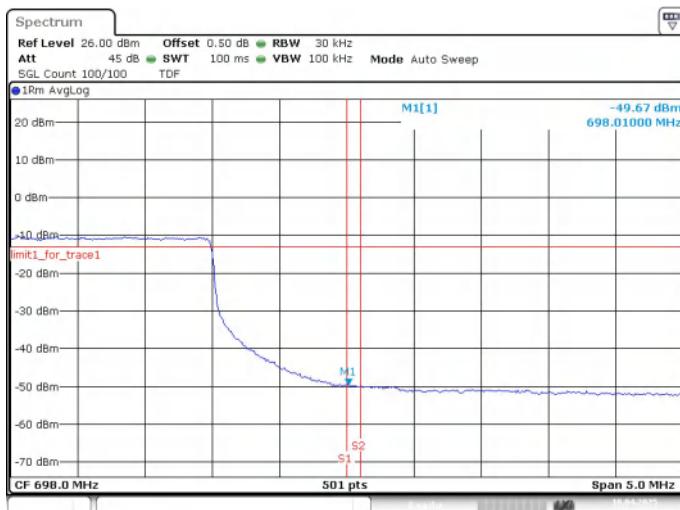


### LOW BAND EDGE BLOCK-20MHz-100%RB



Date: 10.APR.2025 18:06:15

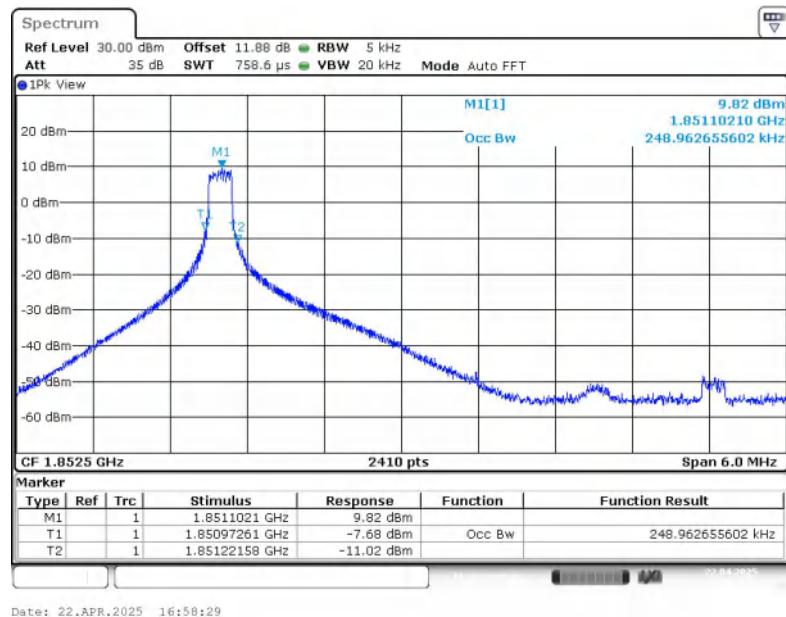
### HIGH BAND EDGE BLOCK-20MHz-100%RB



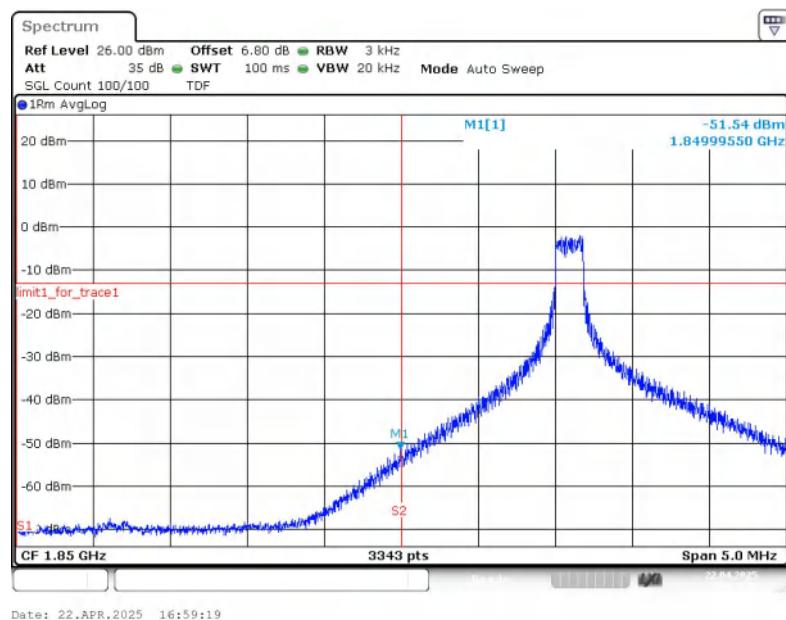
Date: 10.APR.2025 18:08:00

## LTE band 2@CA 2A-4A

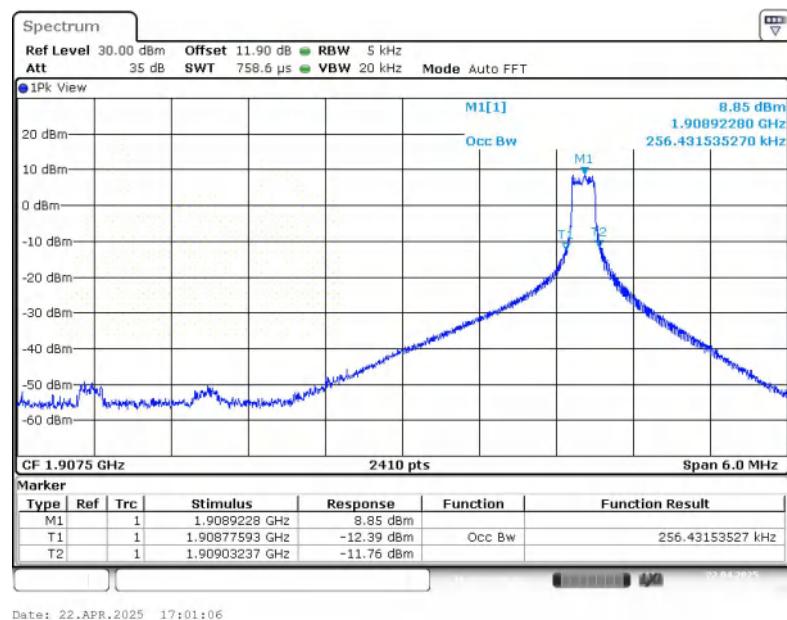
### OBW: 1RB-LOW\_offset



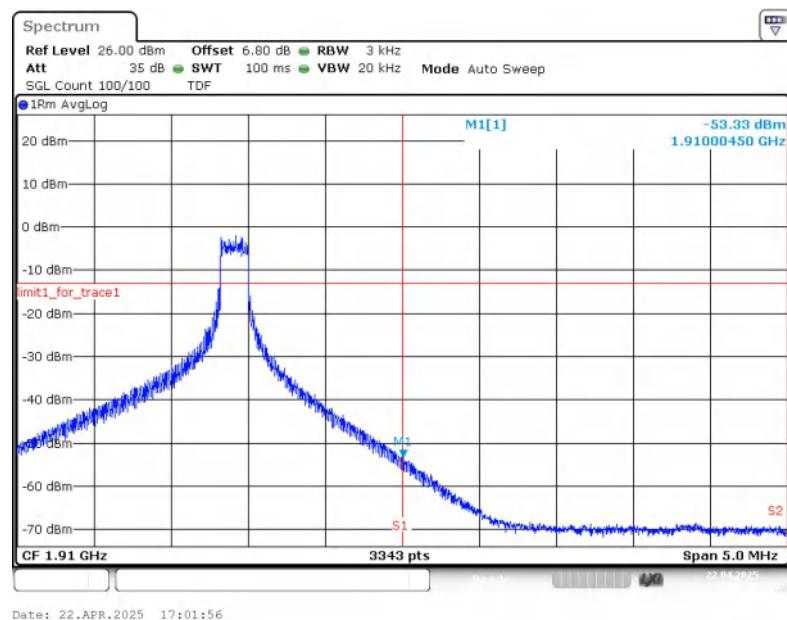
## LOW BAND EDGE BLOCK-1RB-LOW\_offset



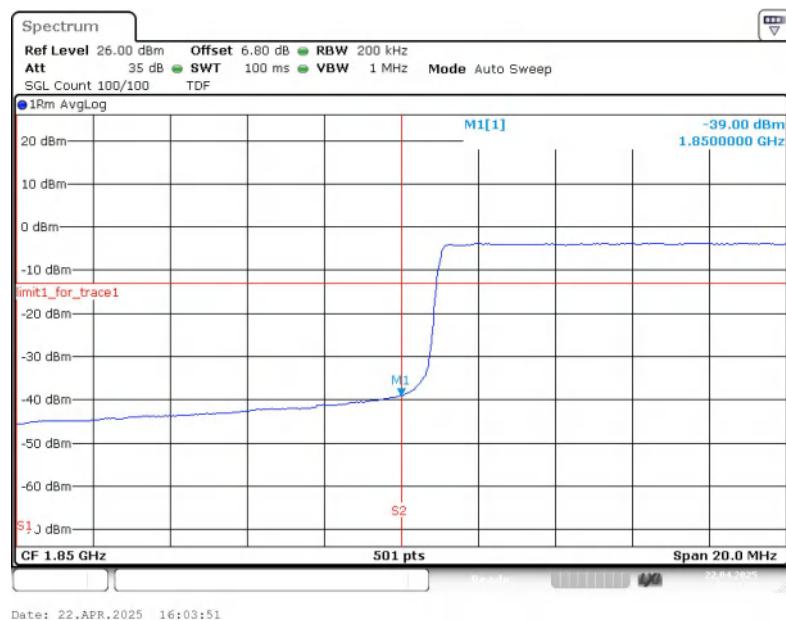
### OBW: 1RB-HIGH\_offset



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

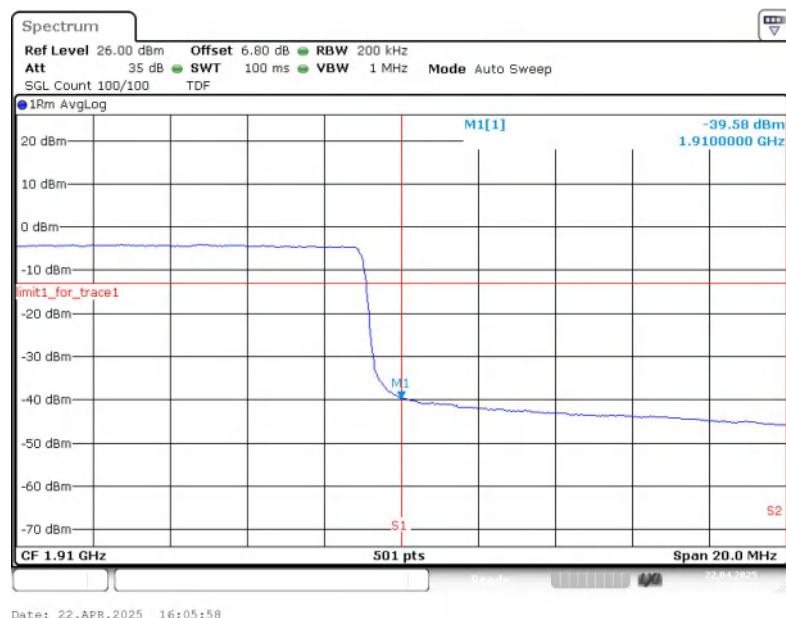


### LOW BAND EDGE BLOCK-20MHz+20MHz-100%RB



Date: 22.APR.2025 16:03:51

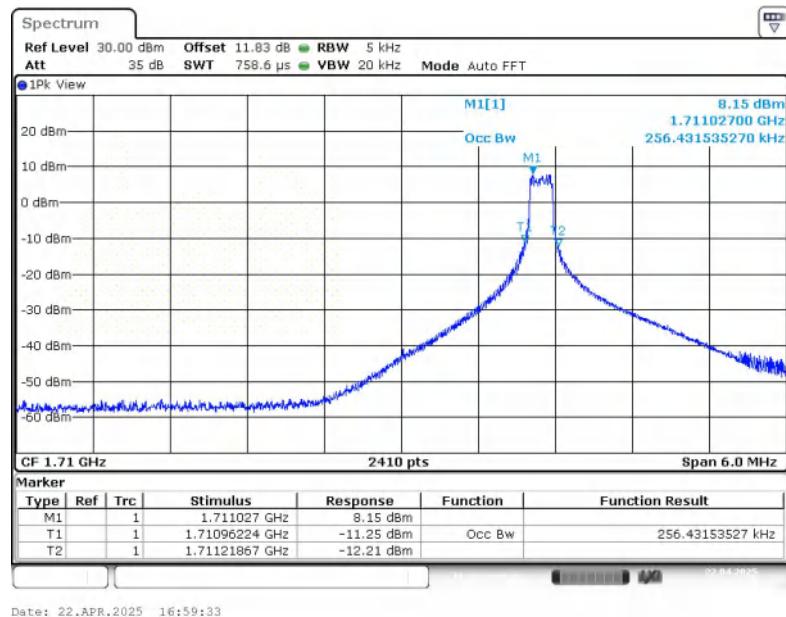
### HIGH BAND EDGE BLOCK-20MHz+20MHz-100%RB



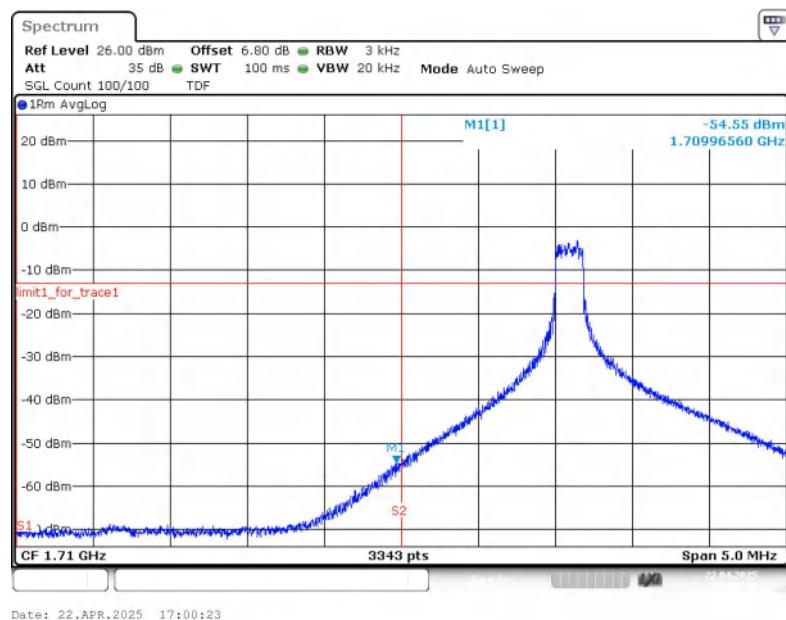
Date: 22.APR.2025 16:05:58

### LTE band 4@CA 2A-4A

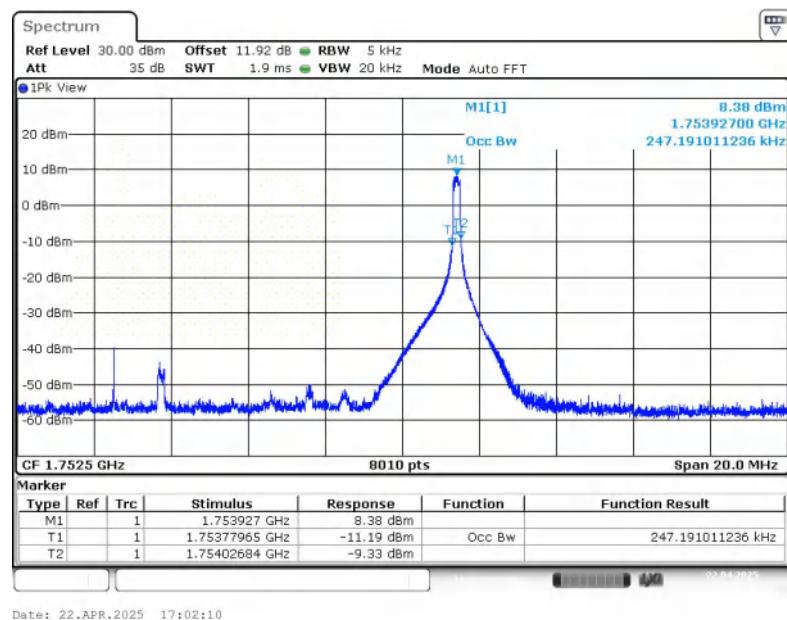
#### OBW: 1RB-LOW\_offset



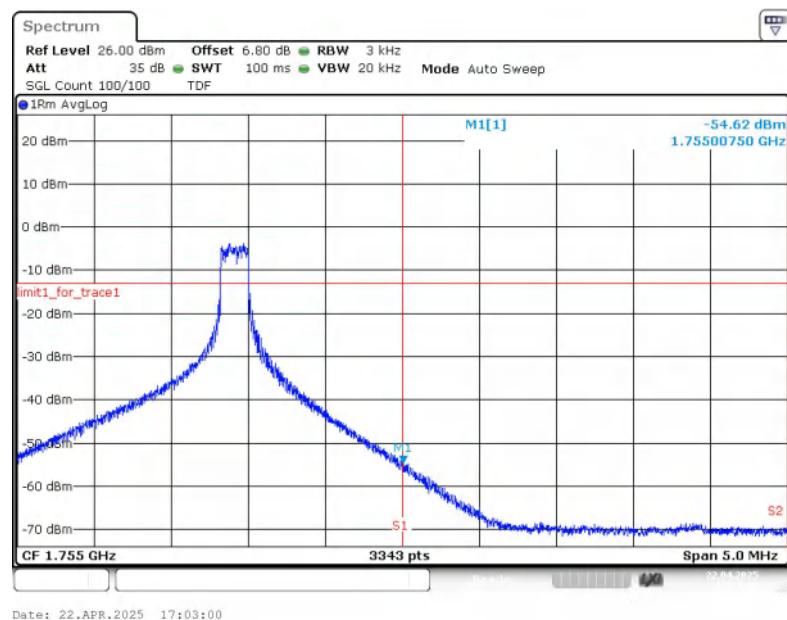
### LOW BAND EDGE BLOCK-1RB-LOW\_offset



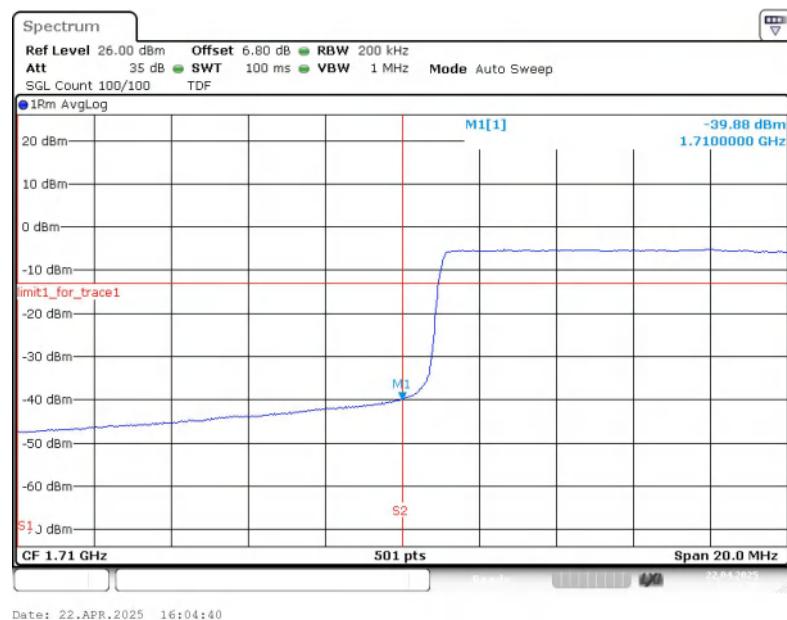
### OBW: 1RB-HIGH\_offset



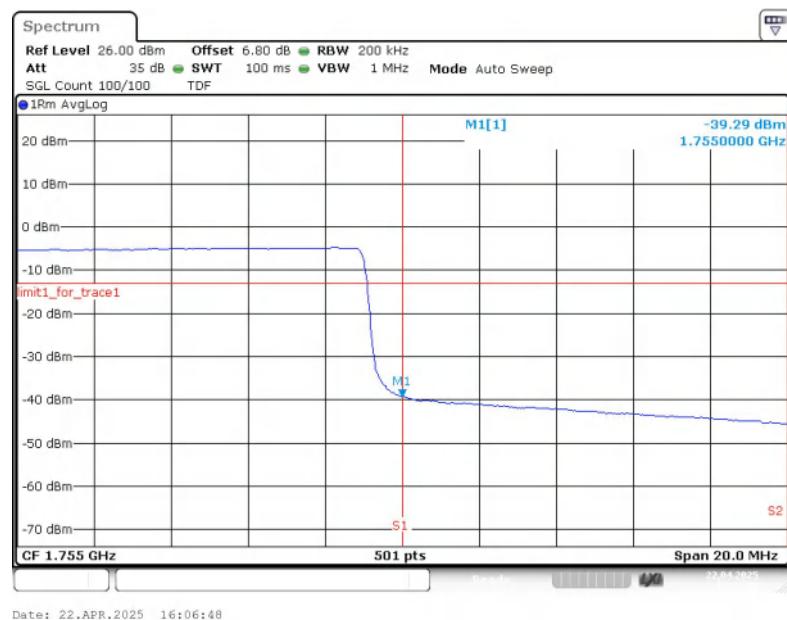
### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



### LOW BAND EDGE BLOCK-20MHz+20MHz-100%RB

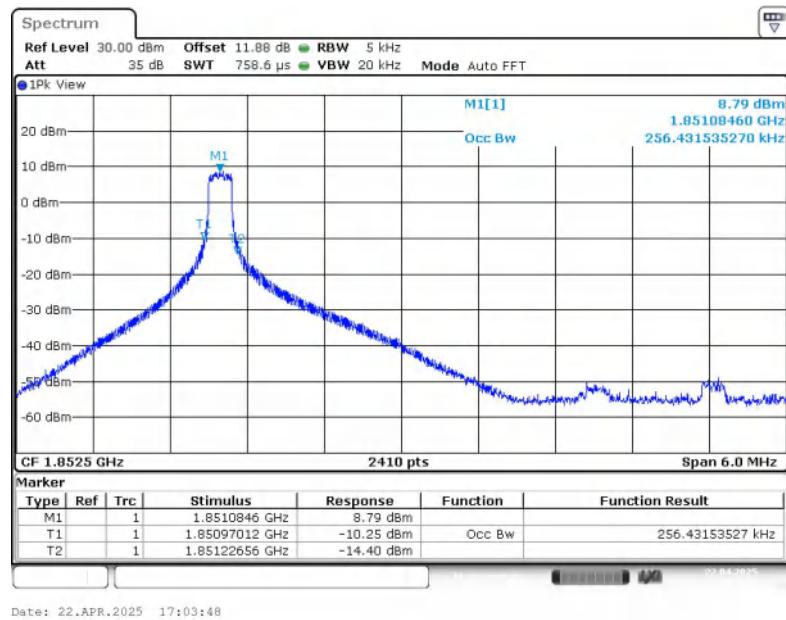


### HIGH BAND EDGE BLOCK-20MHz+20MHz-100%RB

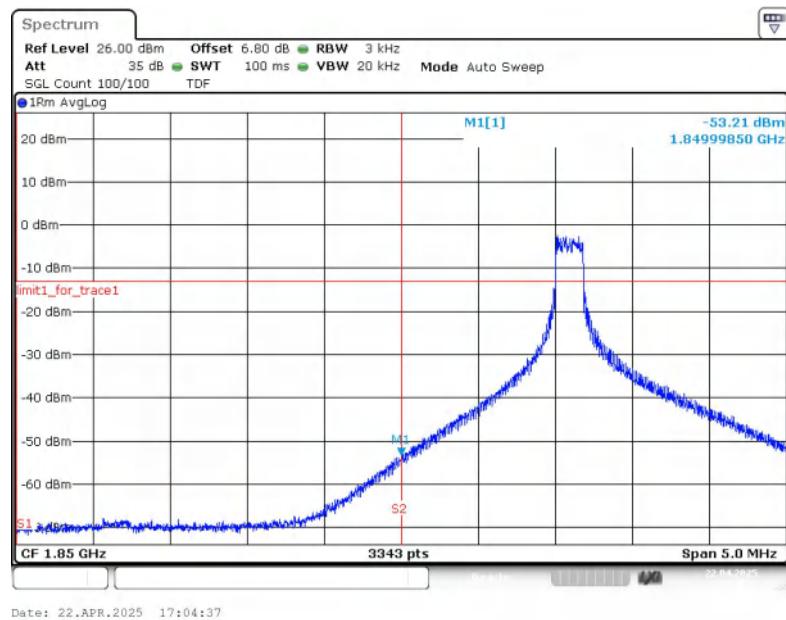


### LTE band 2@CA 2A-5A

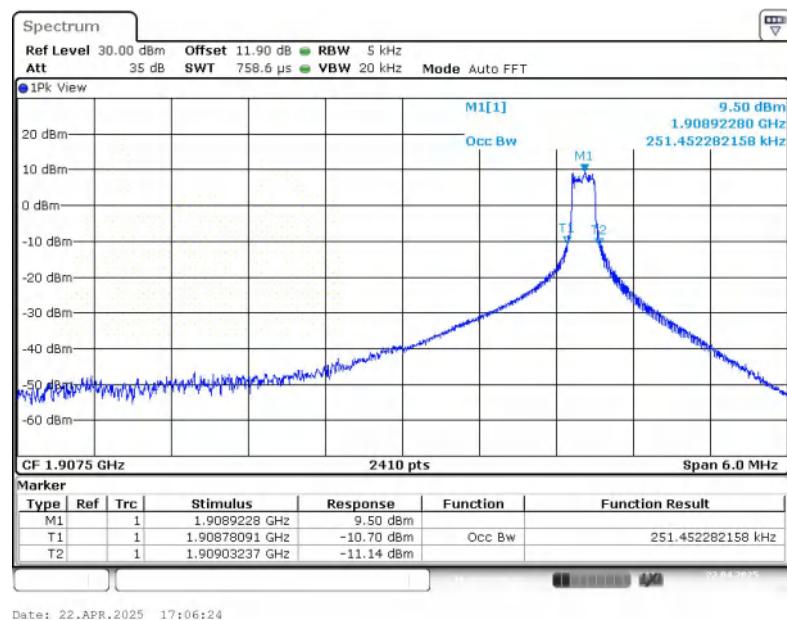
#### OBW: 1RB-LOW\_offset



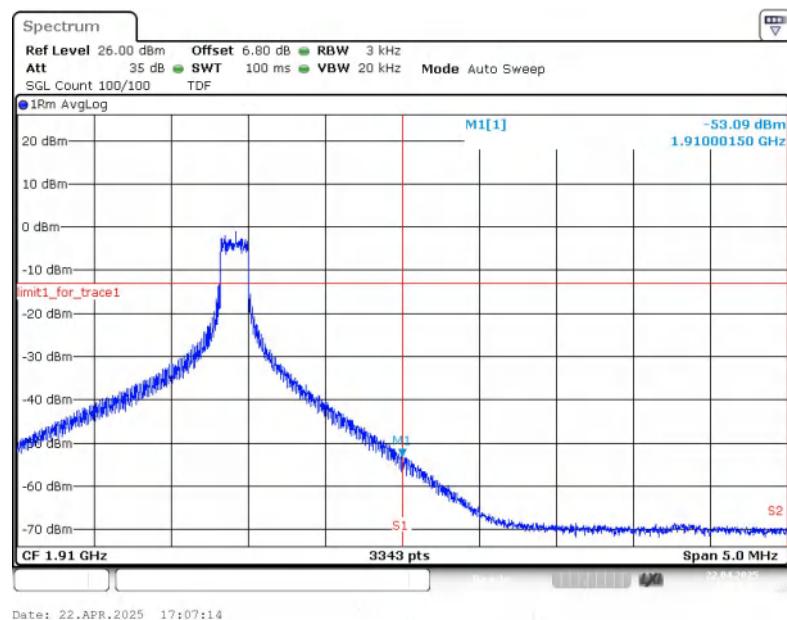
### LOW BAND EDGE BLOCK-1RB-LOW\_offset



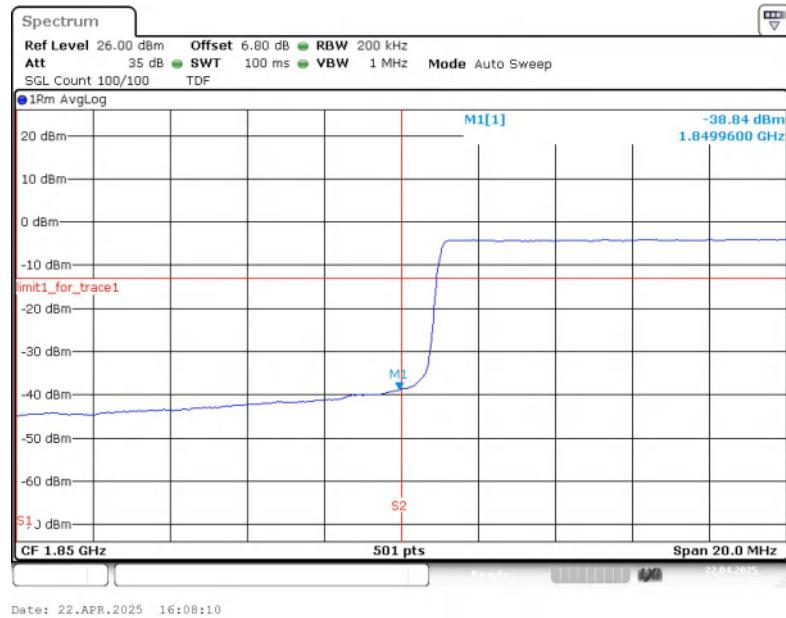
### OBW: 1RB-HIGH\_offset



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



### LOW BAND EDGE BLOCK-20MHz+10MHz-100%RB



Date: 22.APR.2025 16:08:10

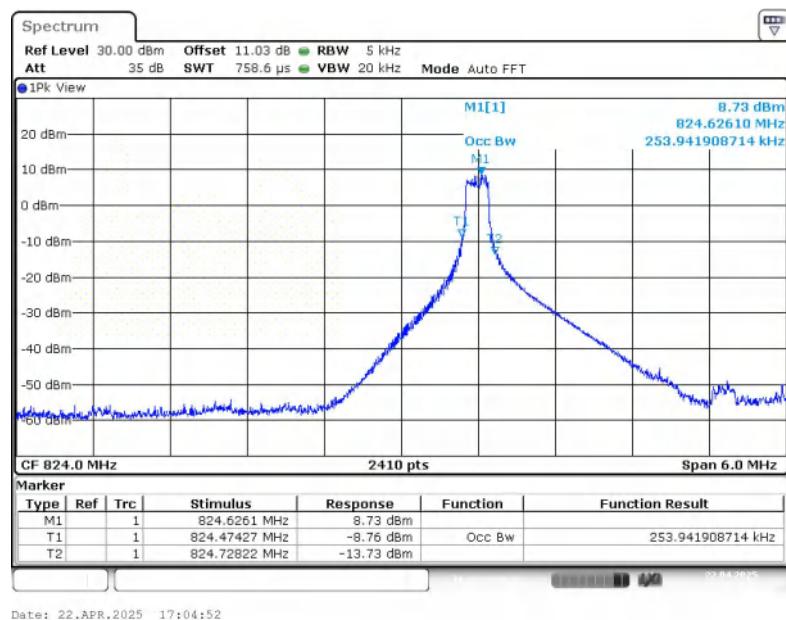
### HIGH BAND EDGE BLOCK-20MHz+10MHz-100%RB



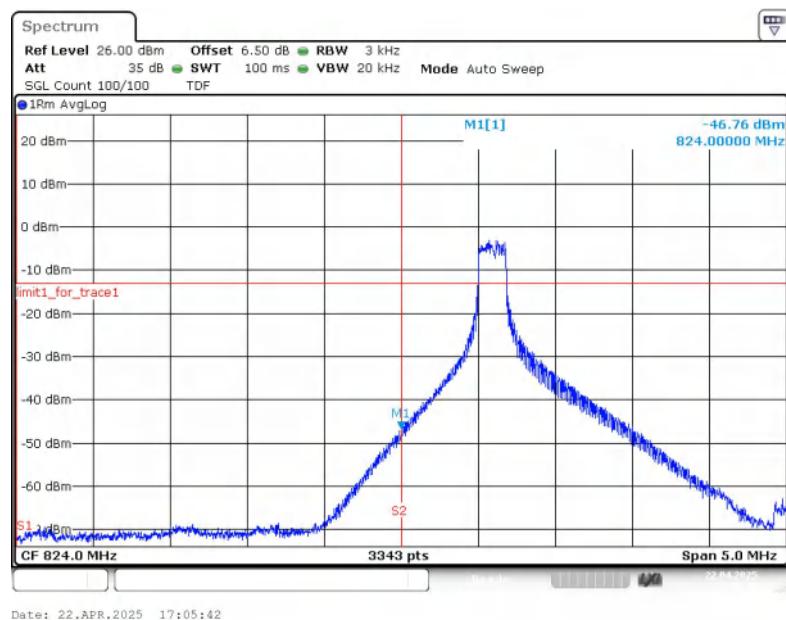
Date: 22.APR.2025 16:10:17

### LTE band 5@CA 2A-5A

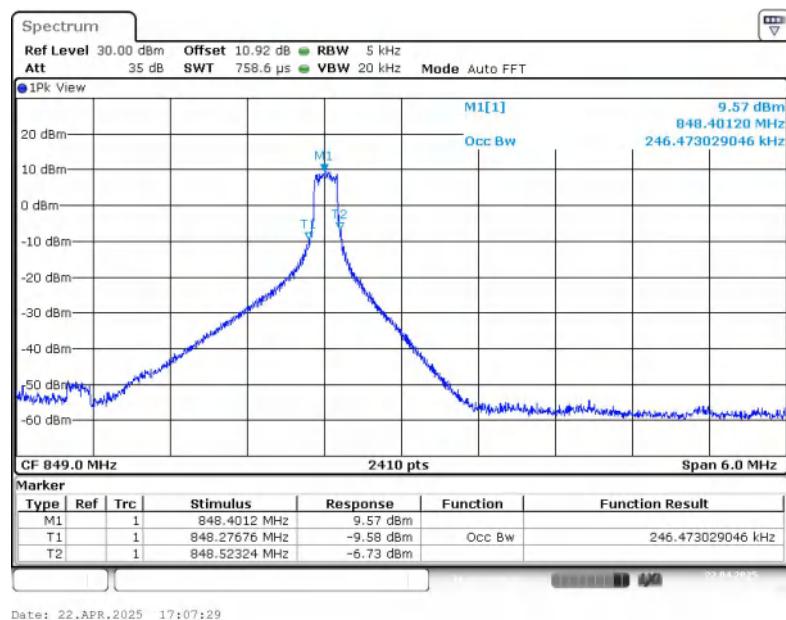
#### OBW: 1RB-LOW\_offset



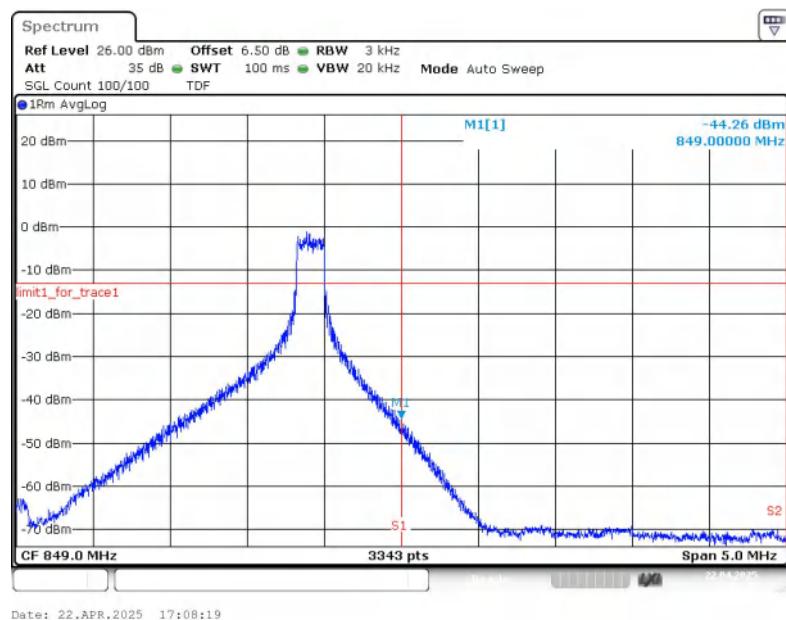
### LOW BAND EDGE BLOCK-1RB-LOW\_offset



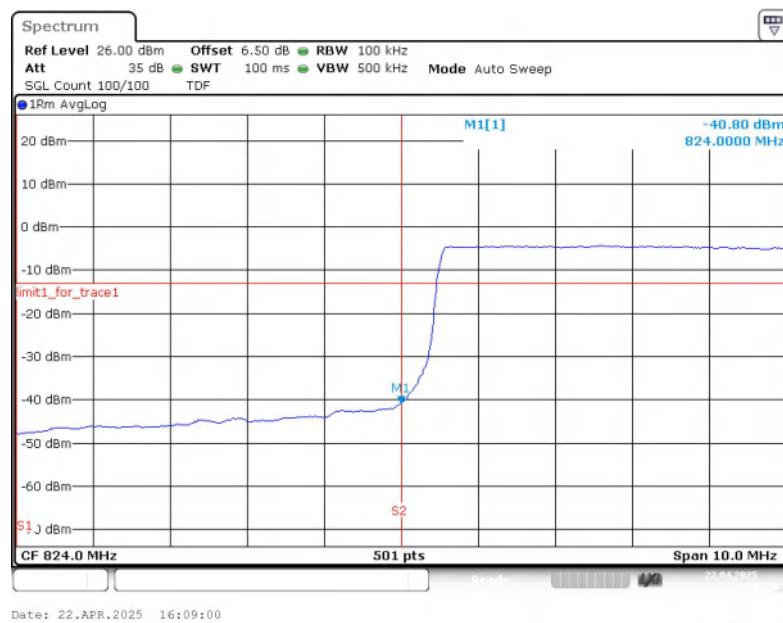
### OBW: 1RB-HIGH\_offset



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

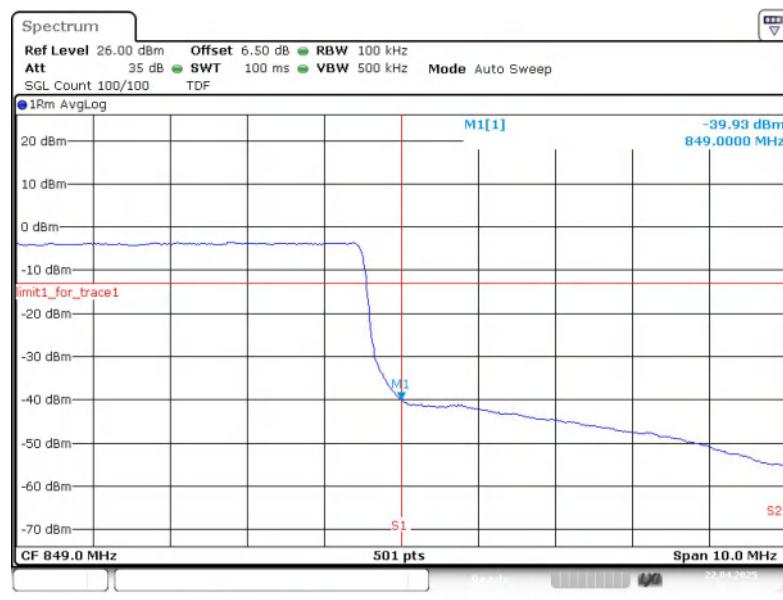


### LOW BAND EDGE BLOCK-20MHz+10MHz-100%RB



Date: 22.APR.2025 16:09:00

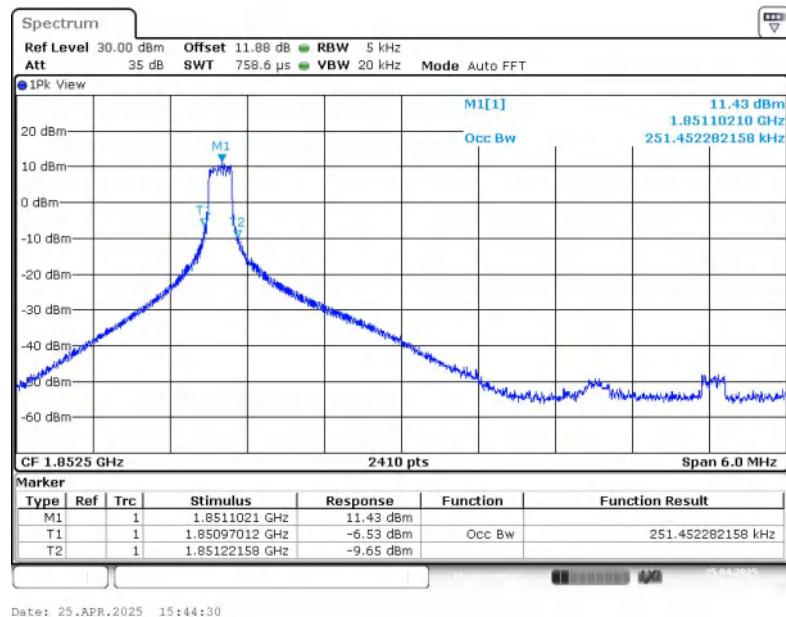
### HIGH BAND EDGE BLOCK-20MHz+10MHz-100%RB



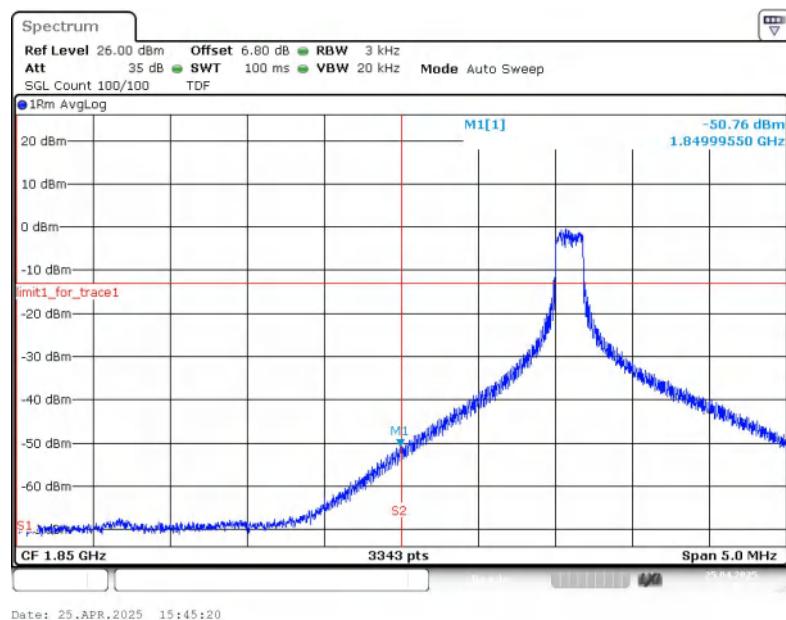
Date: 22.APR.2025 16:11:07

### LTE band 2@CA 2A-12A

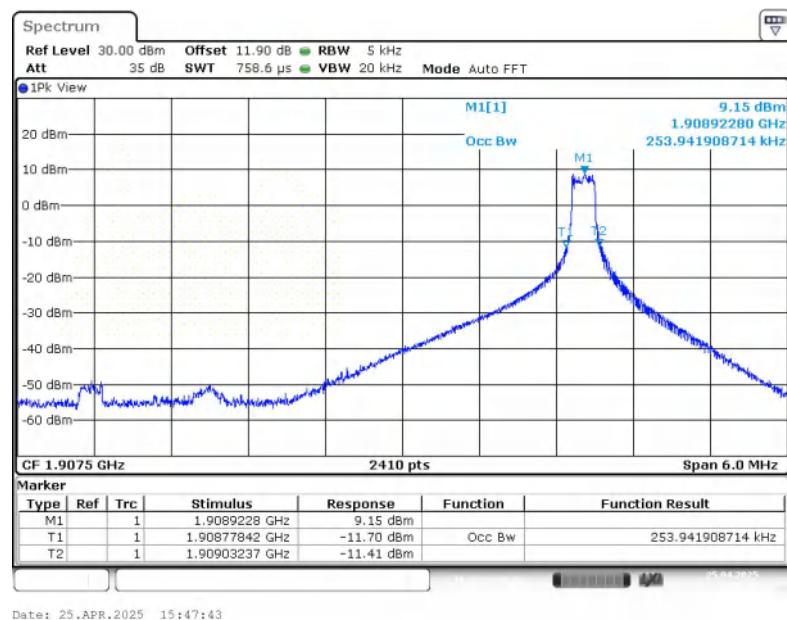
#### OBW: 1RB-LOW\_offset



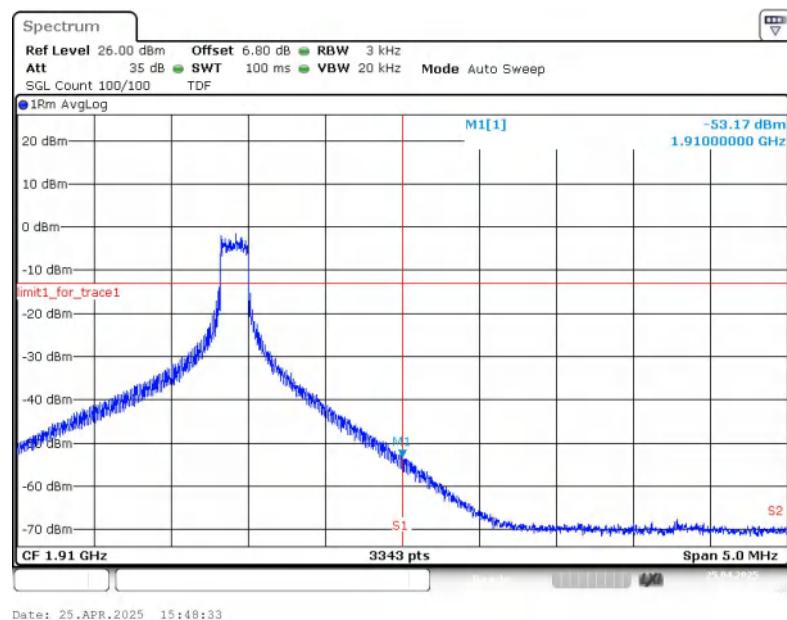
### LOW BAND EDGE BLOCK-1RB-LOW\_offset



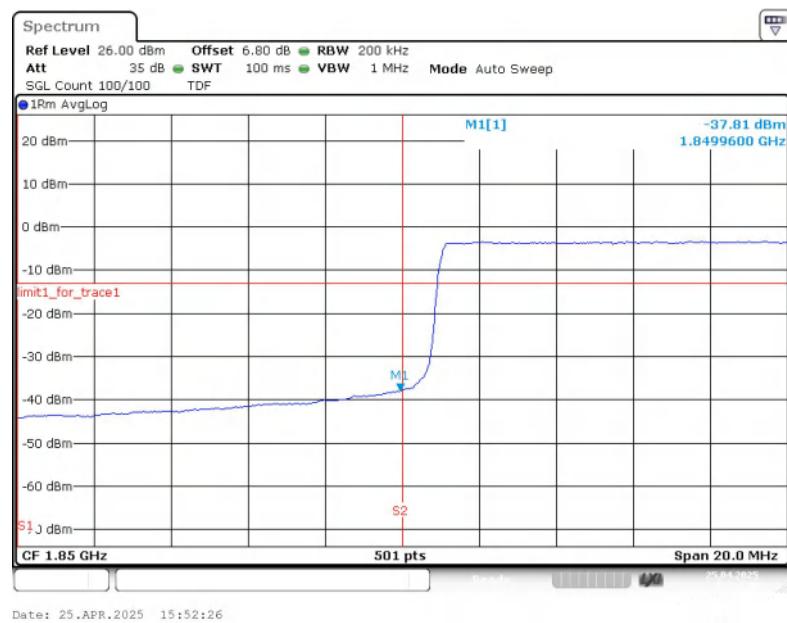
### OBW: 1RB-HIGH\_offset



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

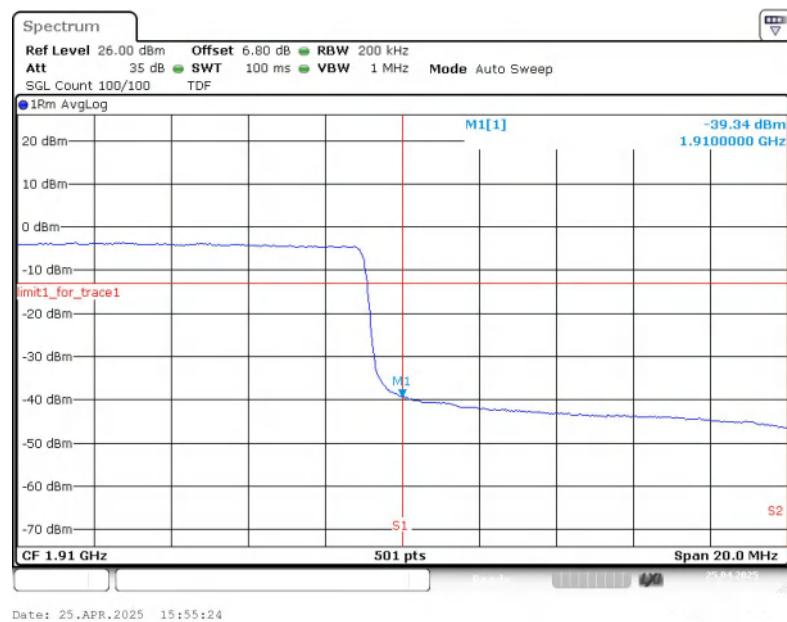


### LOW BAND EDGE BLOCK-20MHz+10MHz-100%RB



Date: 25.APR.2025 15:52:26

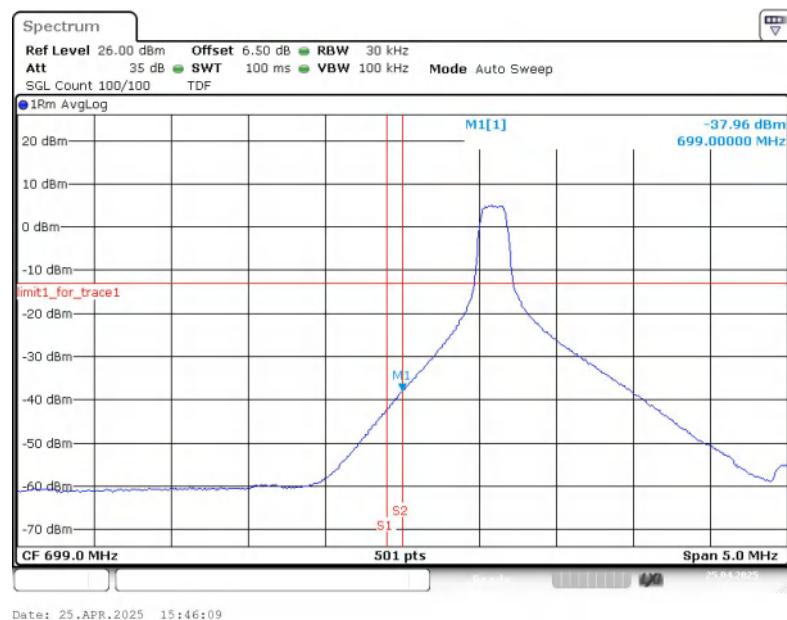
### HIGH BAND EDGE BLOCK-20MHz+10MHz-100%RB



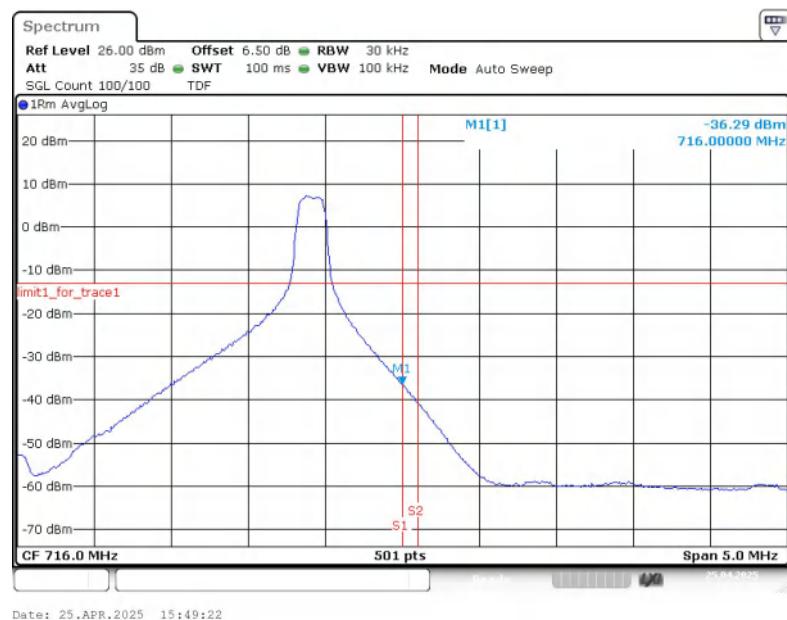
Date: 25.APR.2025 15:55:24

### LTE band 12@CA 2A-12A

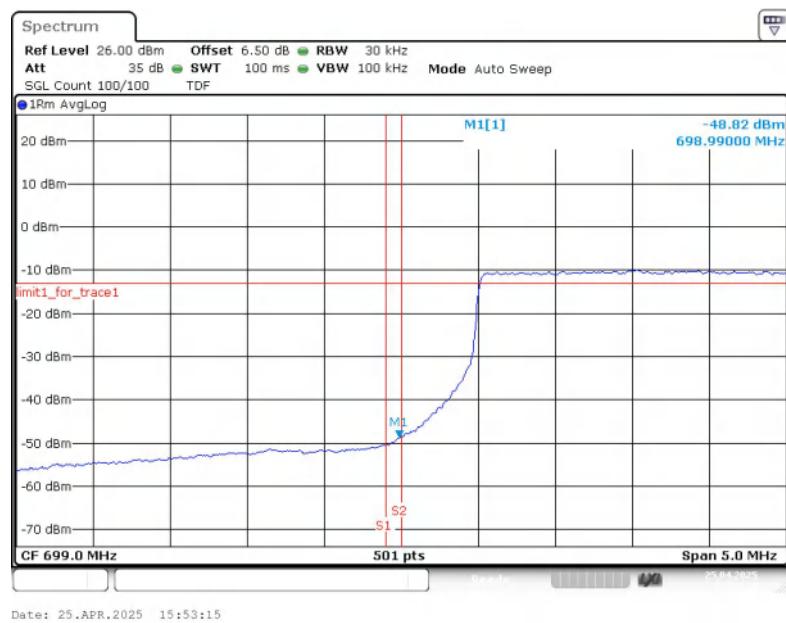
#### LOW BAND EDGE BLOCK-1RB-LOW\_offset



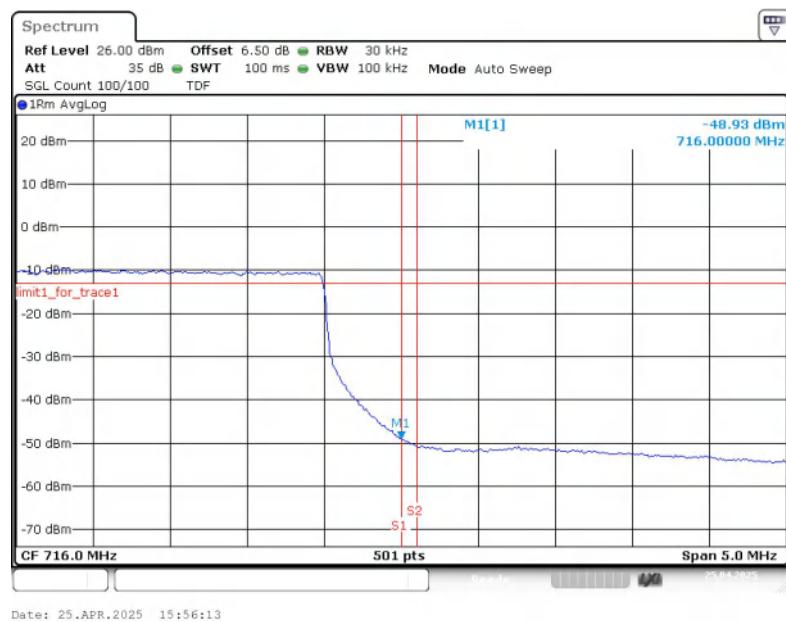
#### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



### LOW BAND EDGE BLOCK-20MHz+10MHz-100%RB

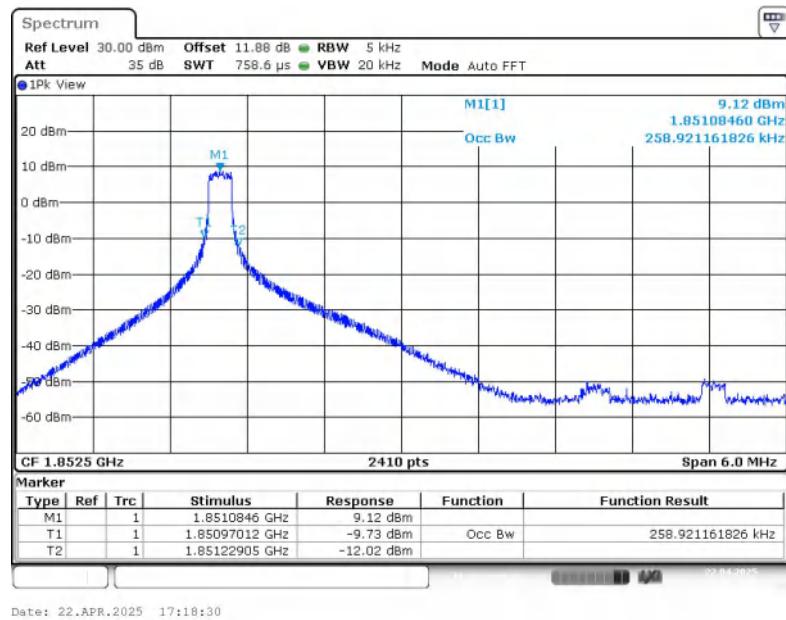


### HIGH BAND EDGE BLOCK-20MHz+10MHz-100%RB

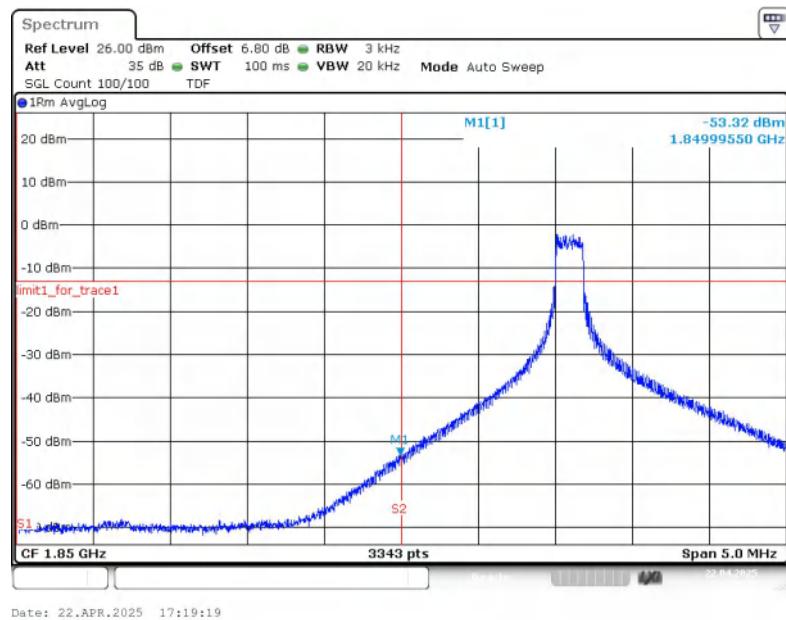


### LTE band 2@CA 2A-13A

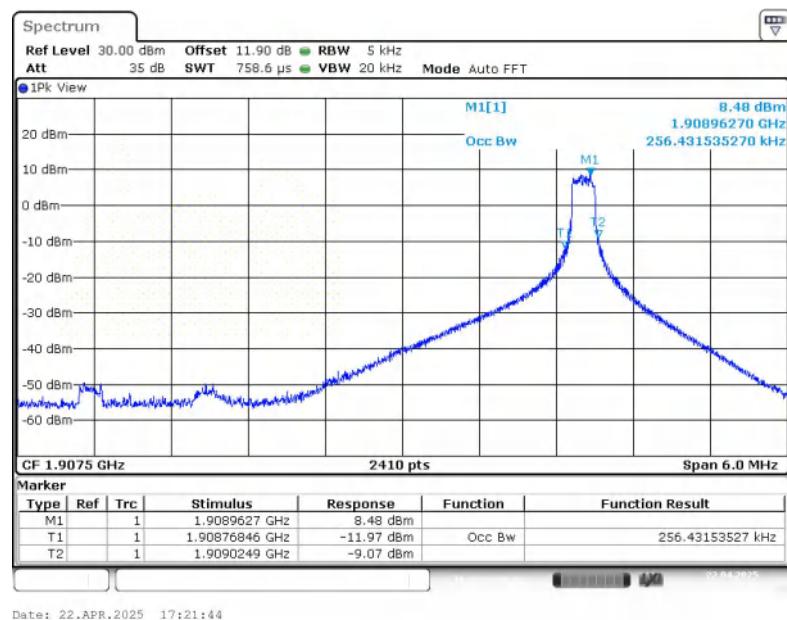
#### OBW: 1RB-LOW\_offset



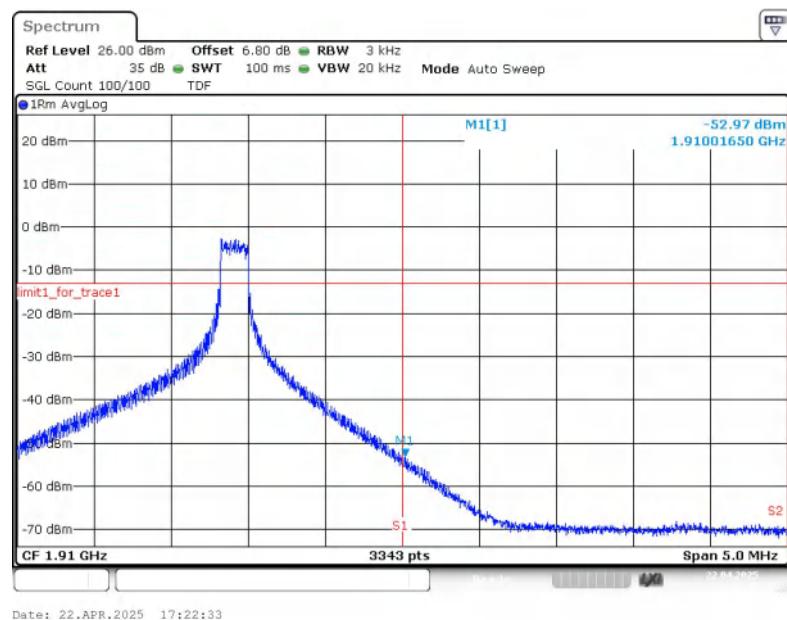
### LOW BAND EDGE BLOCK-1RB-LOW\_offset



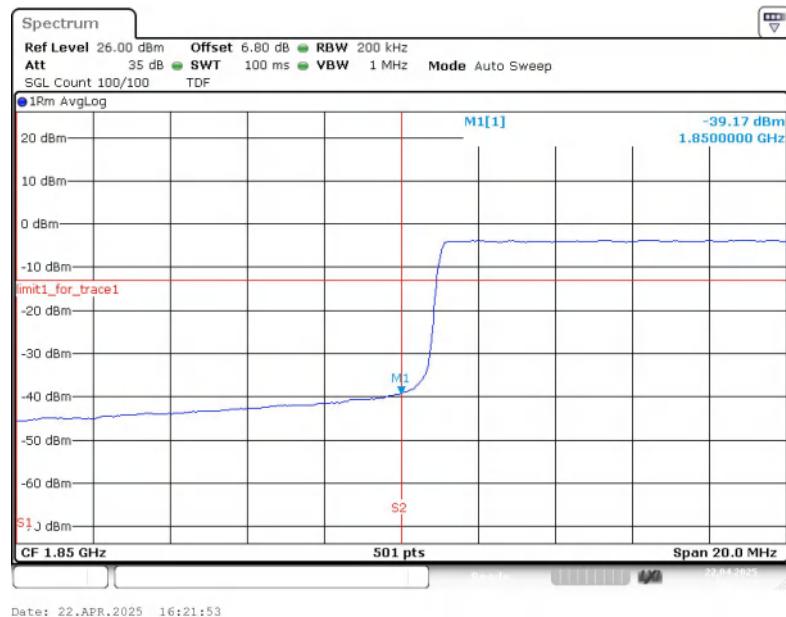
### OBW: 1RB-HIGH\_offset



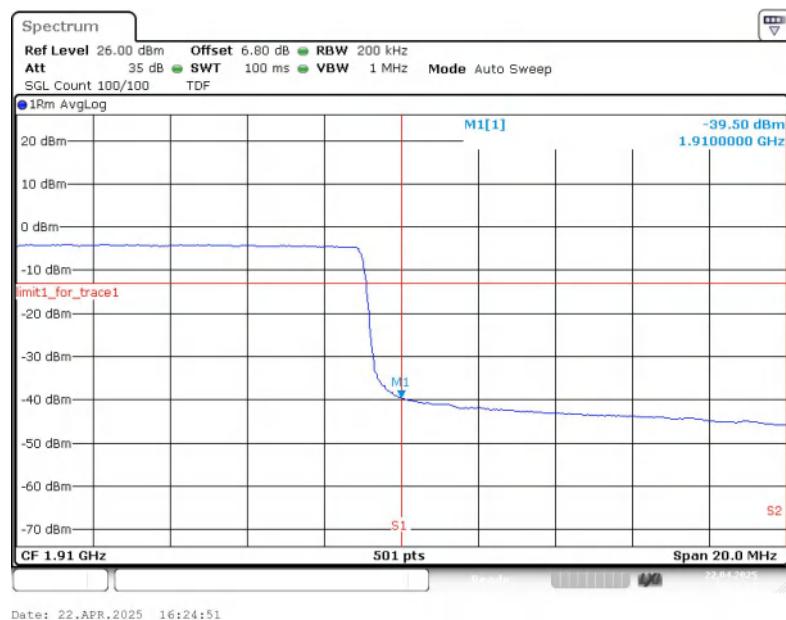
### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



### LOW BAND EDGE BLOCK-20MHz+10MHz-100%RB

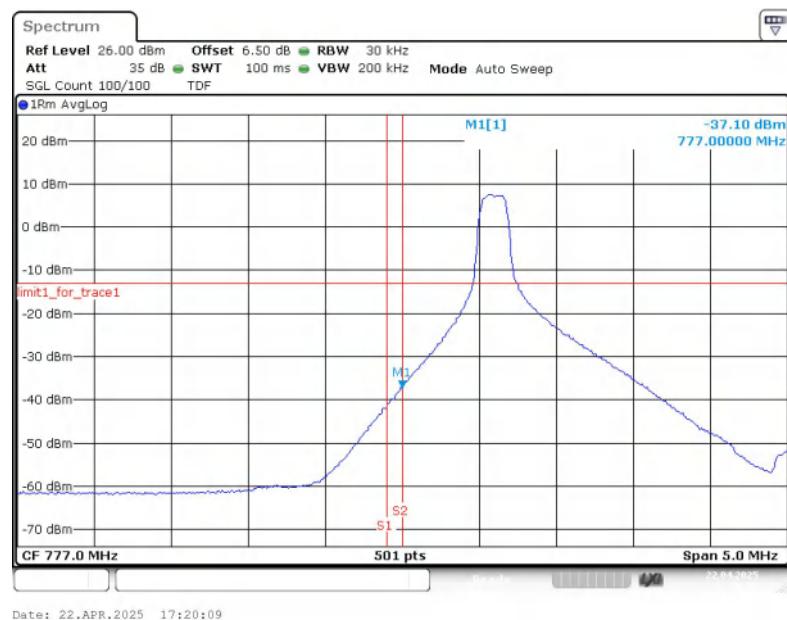


### HIGH BAND EDGE BLOCK-20MHz+10MHz-100%RB

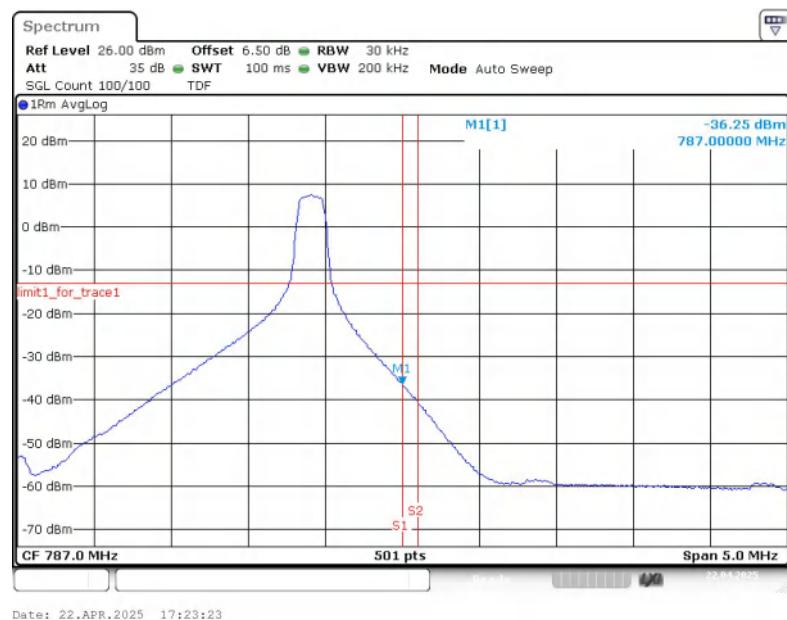


### LTE band 13@CA 2A-13A

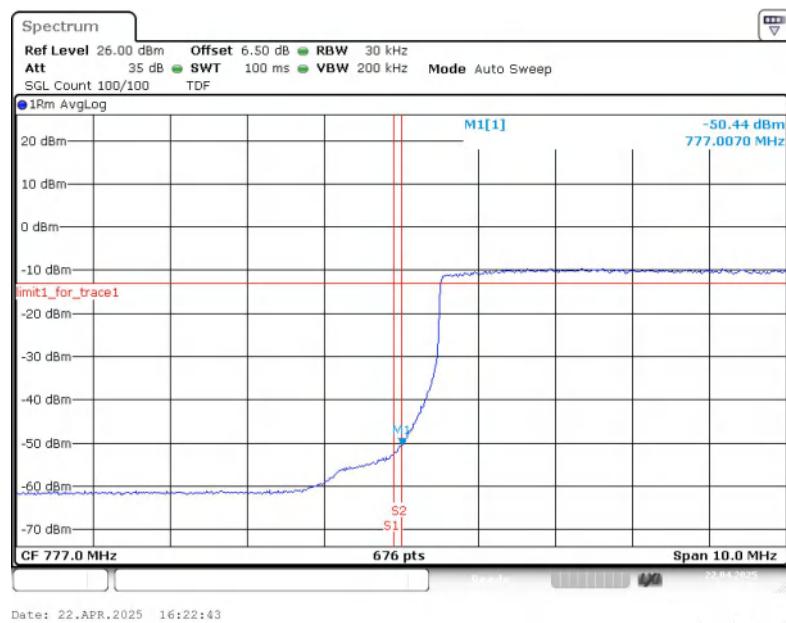
#### LOW BAND EDGE BLOCK-1RB-LOW\_offset



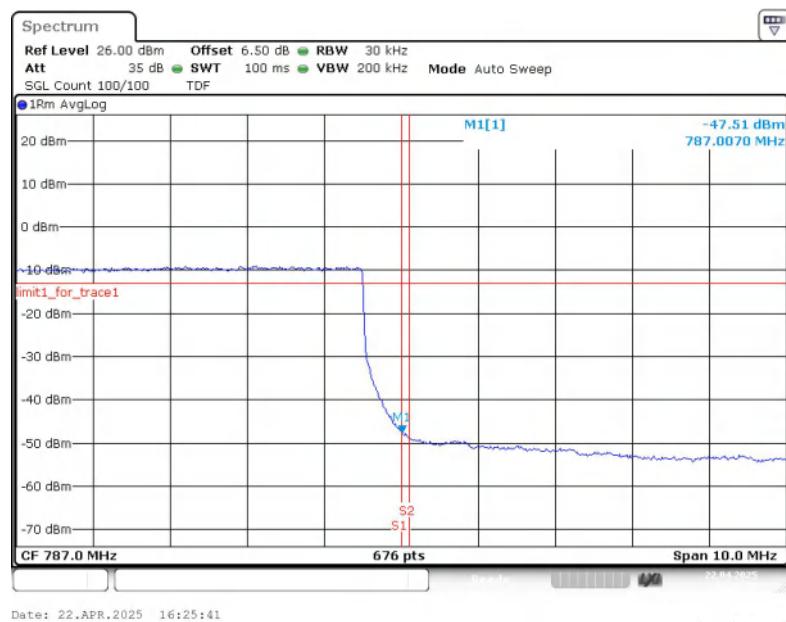
#### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



### LOW BAND EDGE BLOCK-20MHz+10MHz-100%RB

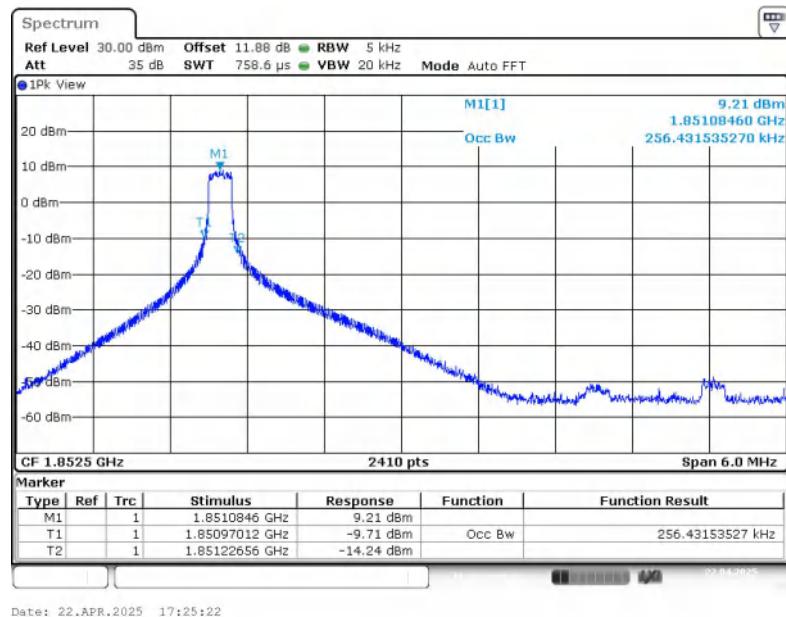


### HIGH BAND EDGE BLOCK-20MHz+10MHz-100%RB

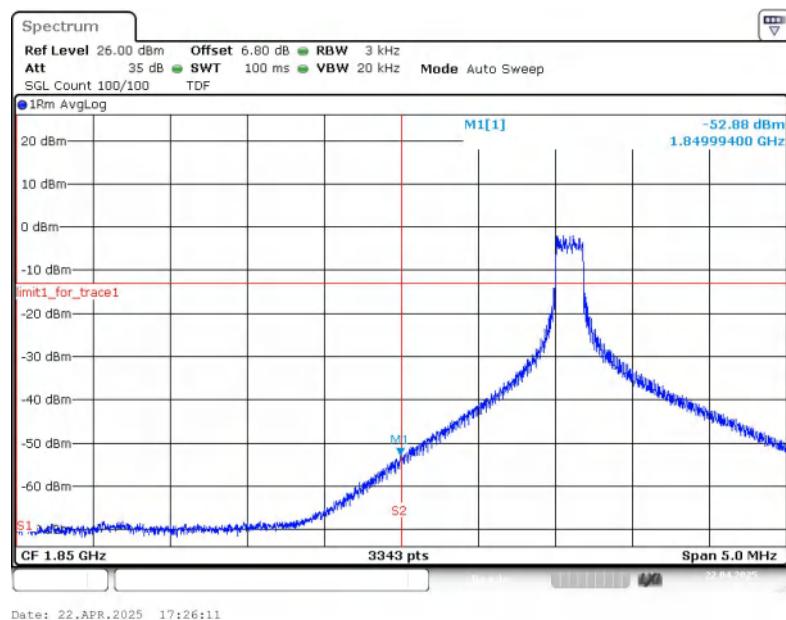


## LTE band 2@CA 2A-66A

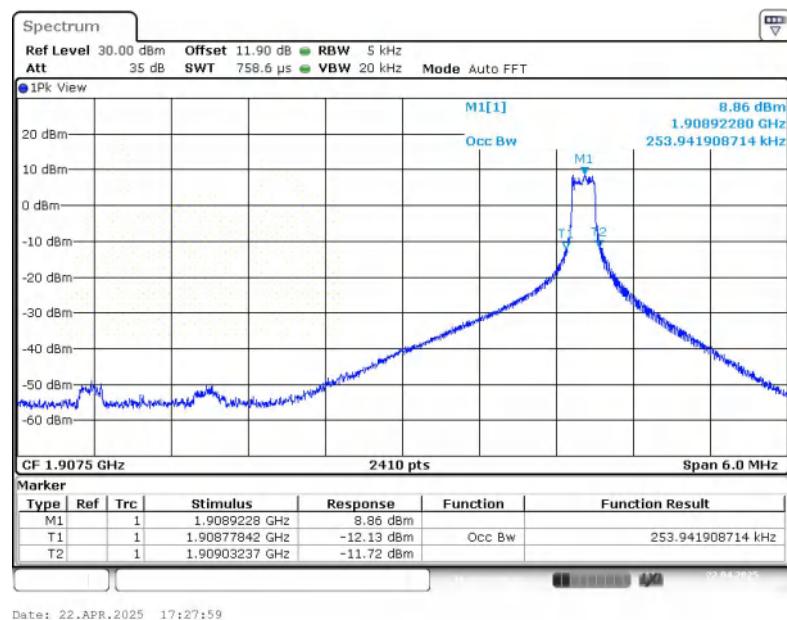
### OBW: 1RB-LOW\_offset



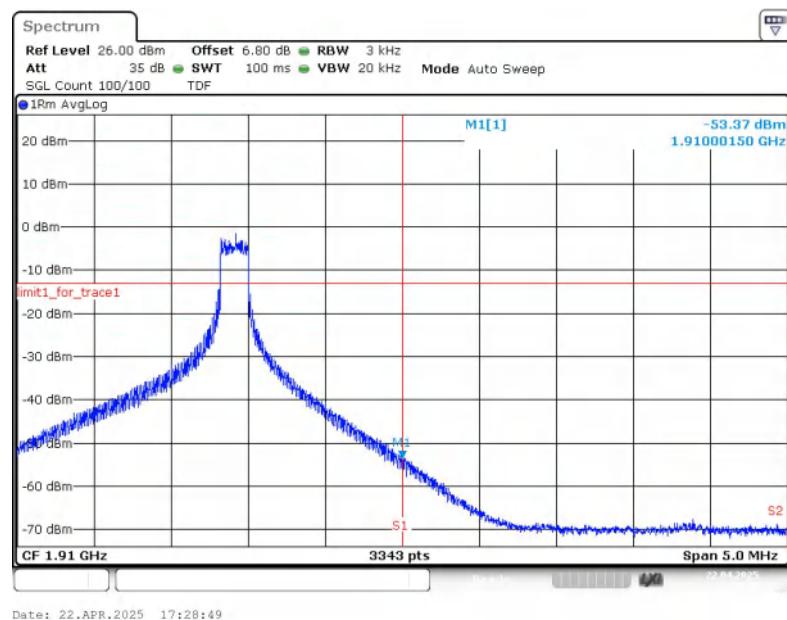
## LOW BAND EDGE BLOCK-1RB-LOW\_offset



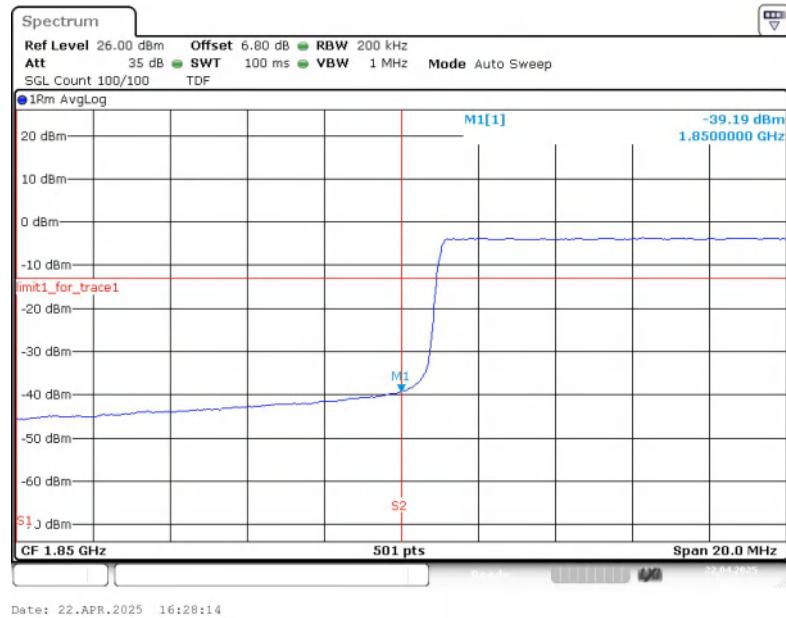
### OBW: 1RB-HIGH\_offset



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

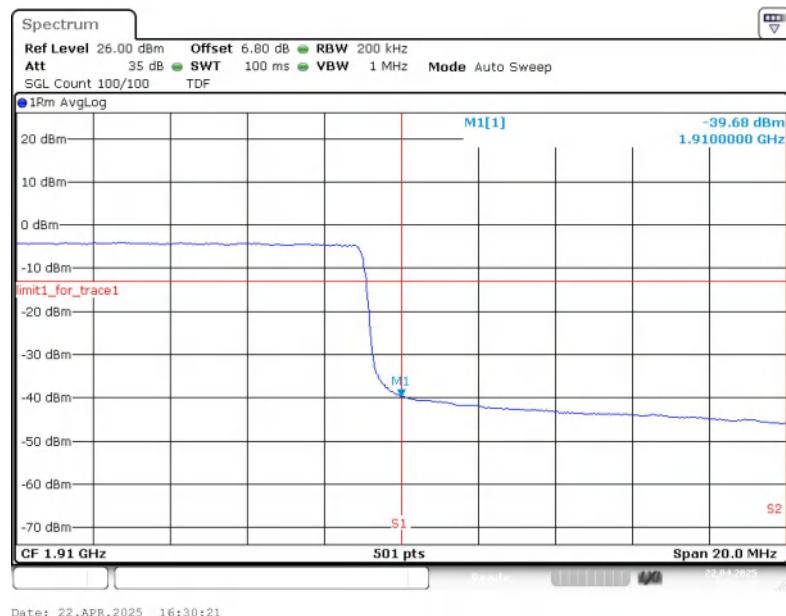


### LOW BAND EDGE BLOCK-20MHz+20MHz-100%RB



Date: 22.APR.2025 16:28:14

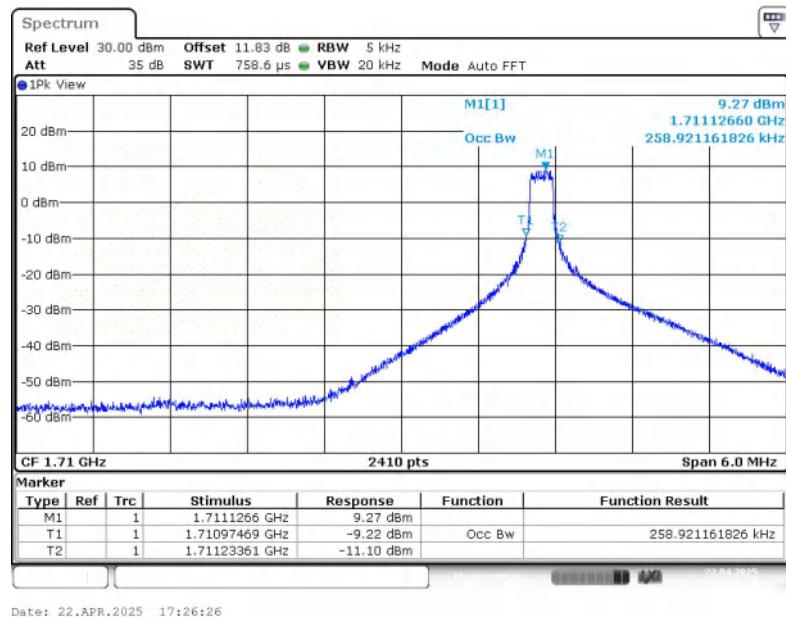
### HIGH BAND EDGE BLOCK-20MHz+20MHz-100%RB



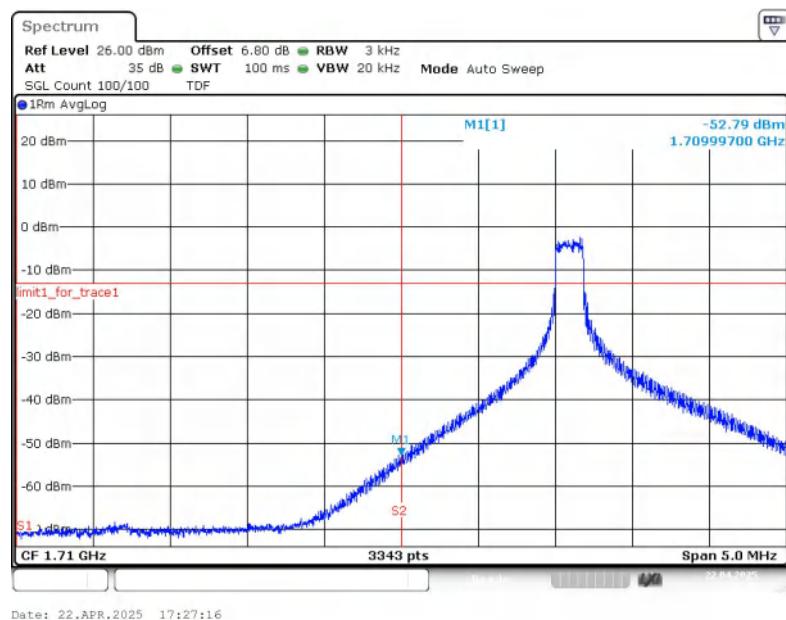
Date: 22.APR.2025 16:30:21

### LTE band 66@CA 2A-66A

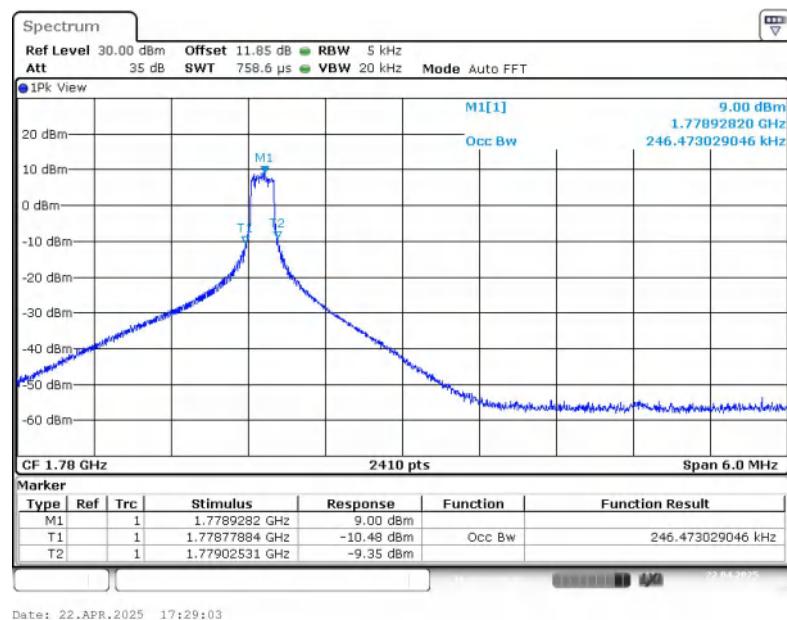
#### OBW: 1RB-LOW\_offset



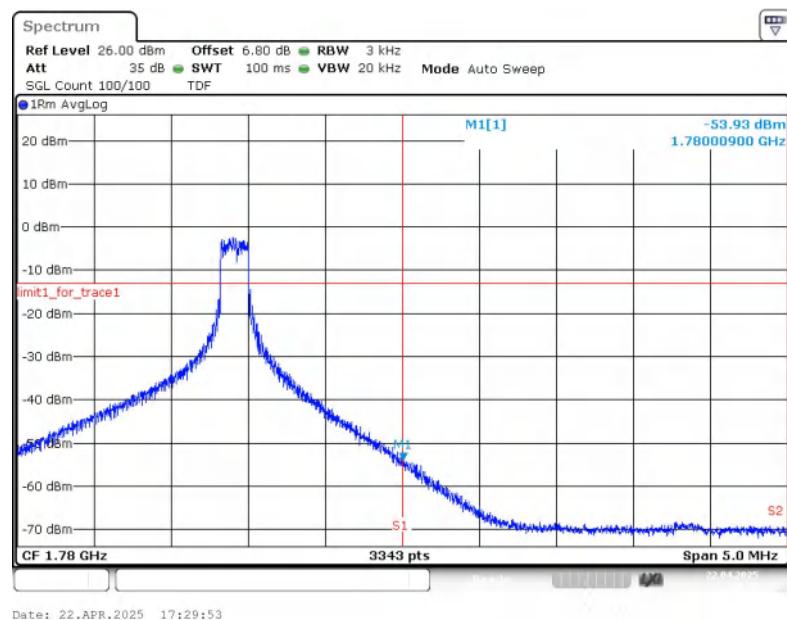
### LOW BAND EDGE BLOCK-1RB-LOW\_offset



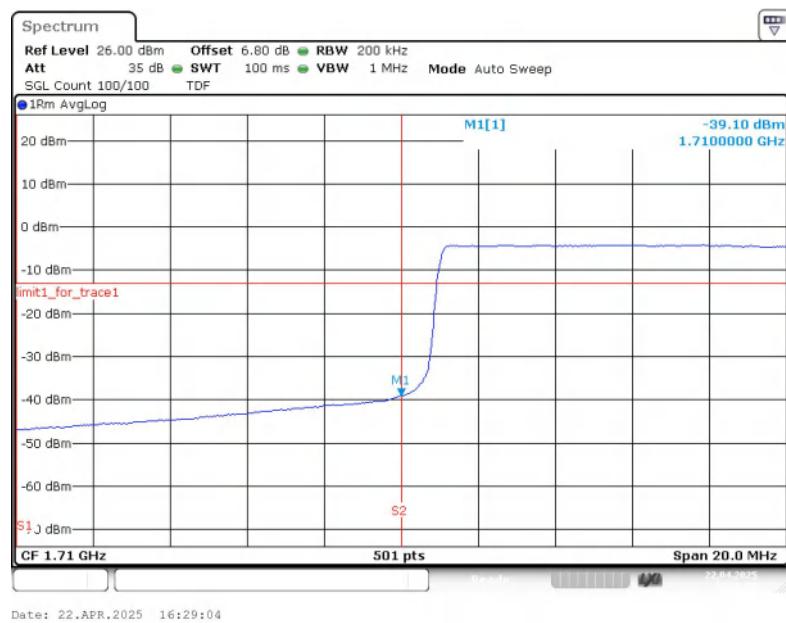
### OBW: 1RB-HIGH\_offset



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

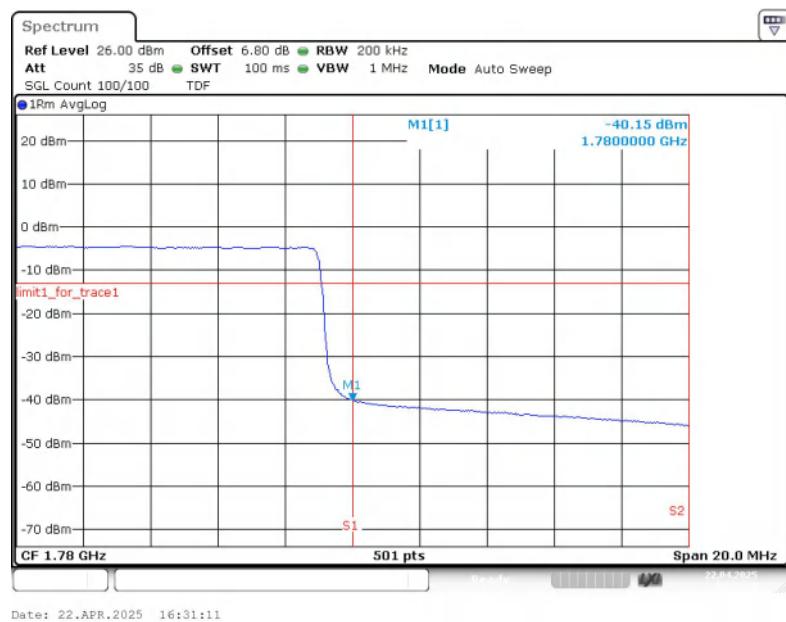


### LOW BAND EDGE BLOCK-20MHz+20MHz-100%RB



Date: 22.APR.2025 16:29:04

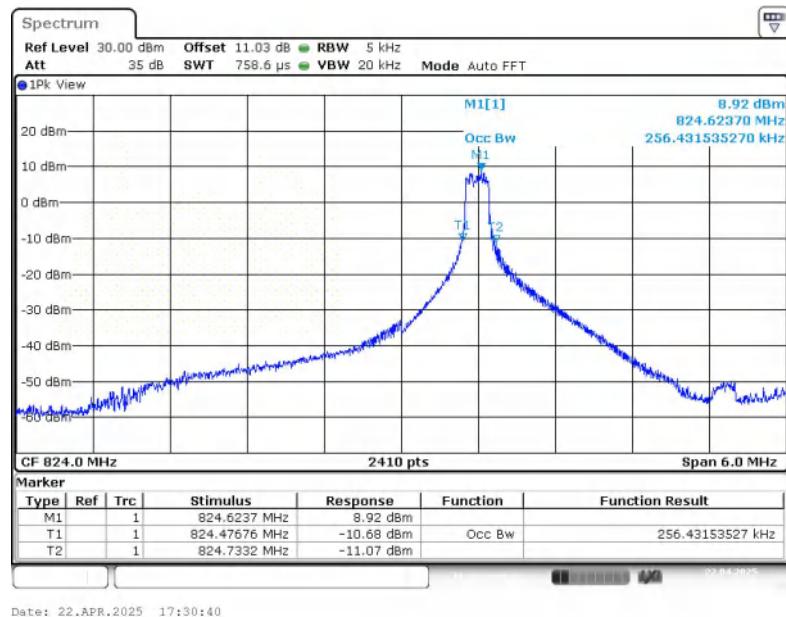
### HIGH BAND EDGE BLOCK-20MHz+20MHz-100%RB



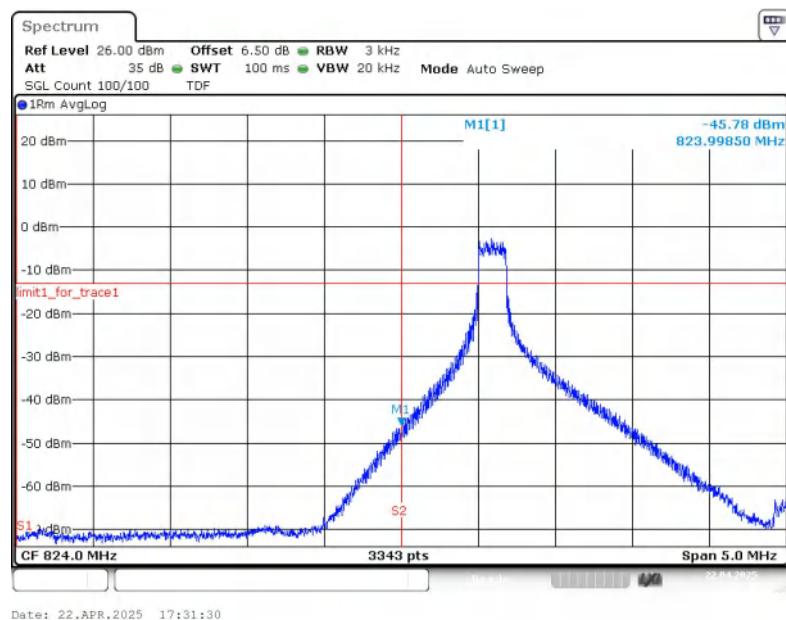
Date: 22.APR.2025 16:31:11

## LTE band 5@CA 5A-66A

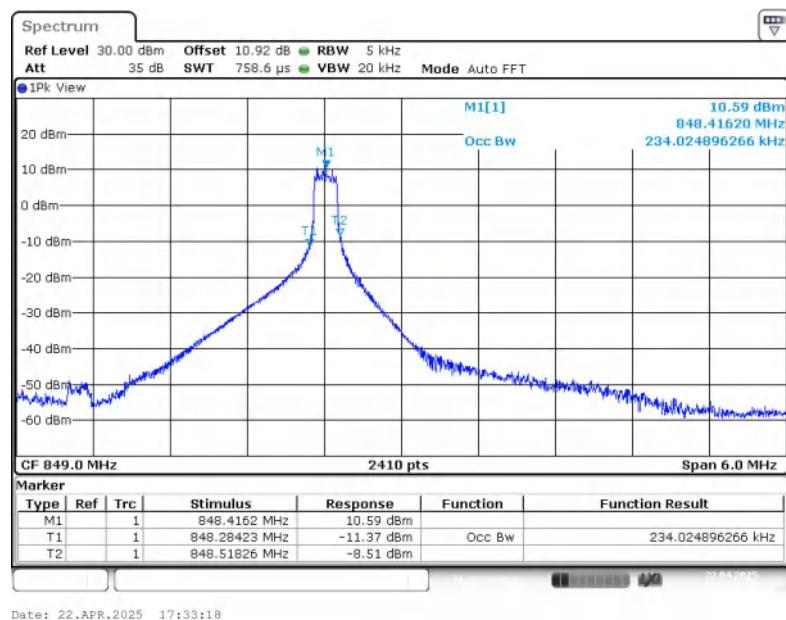
### OBW: 1RB-LOW\_offset



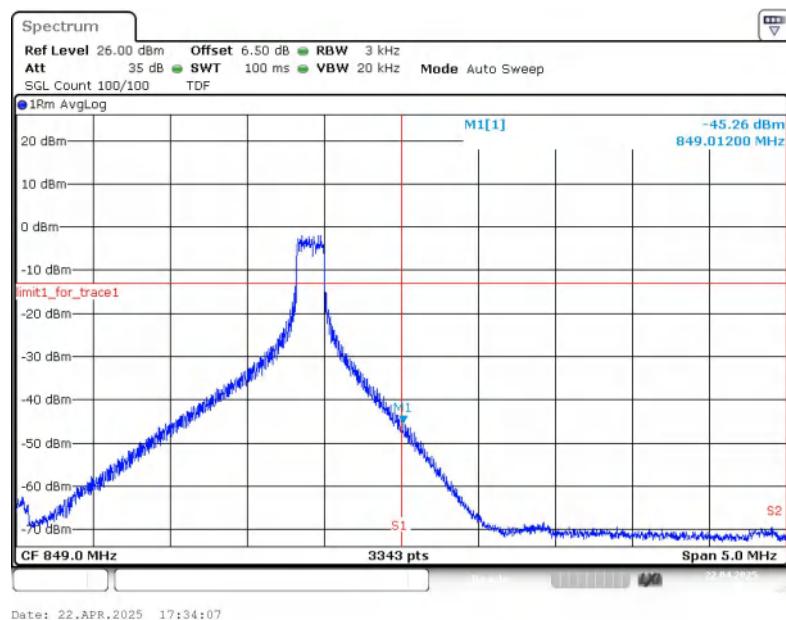
## LOW BAND EDGE BLOCK-1RB-LOW\_offset



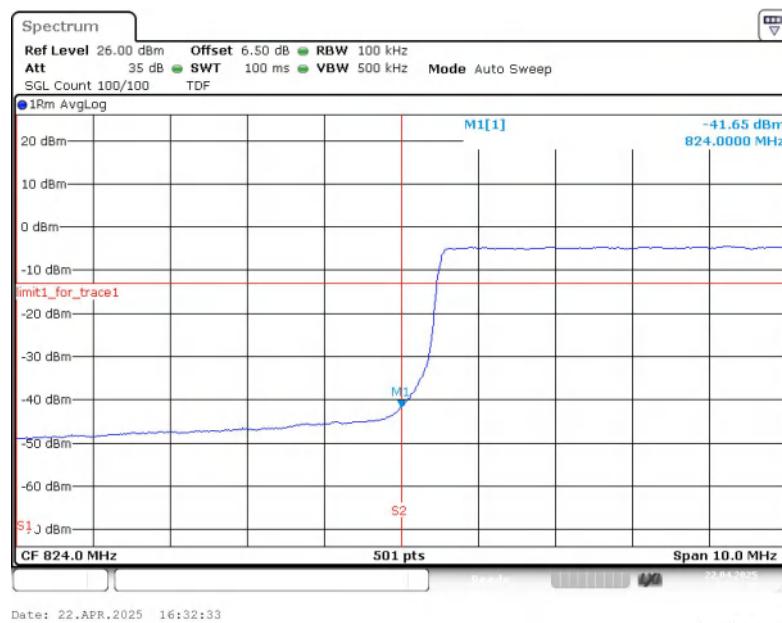
### OBW: 1RB-HIGH\_offset



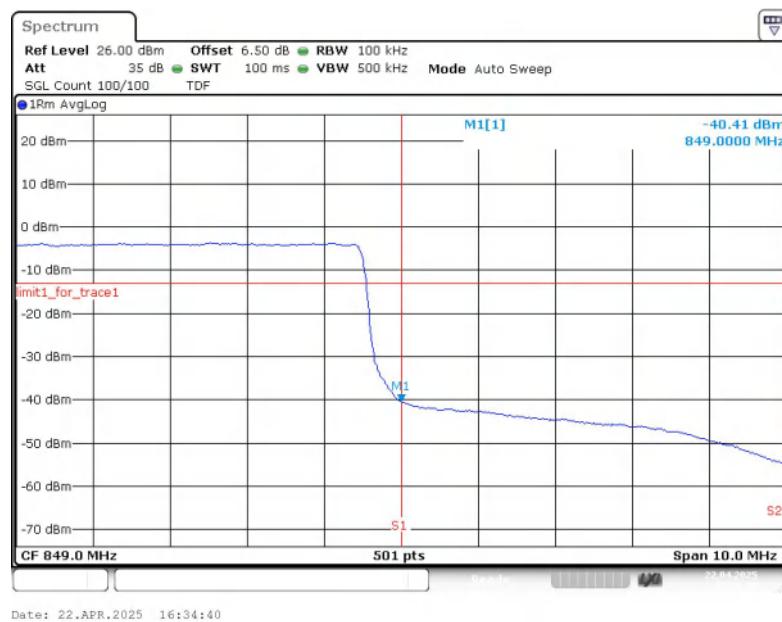
### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



### LOW BAND EDGE BLOCK-10MHz+20MHz-100%RB

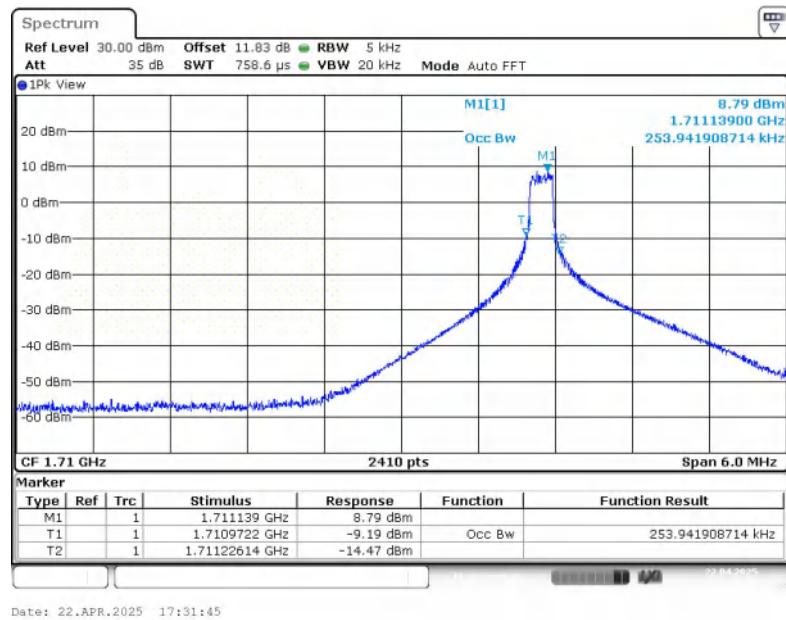


### HIGH BAND EDGE BLOCK-10MHz+20MHz-100%RB

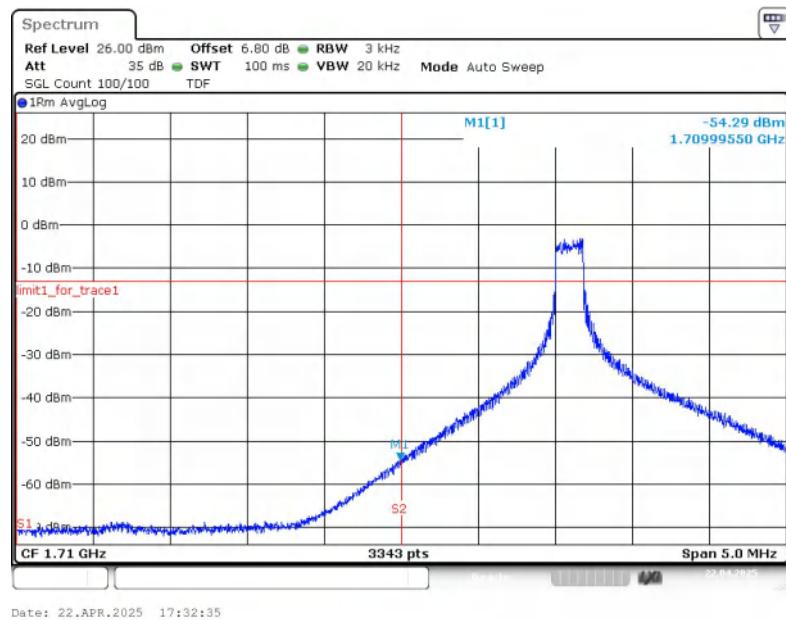


### LTE band 66@CA 5A-66A

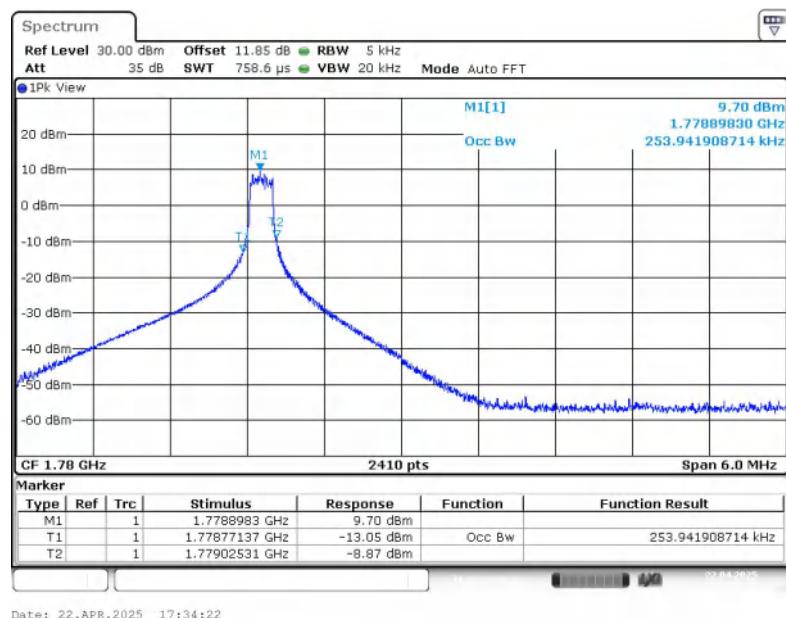
#### OBW: 1RB-LOW\_offset



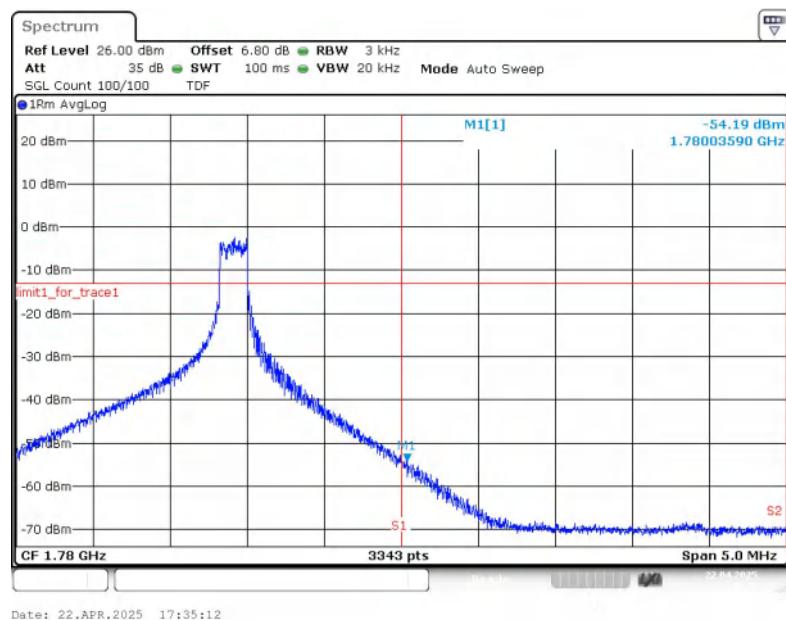
### LOW BAND EDGE BLOCK-1RB-LOW\_offset



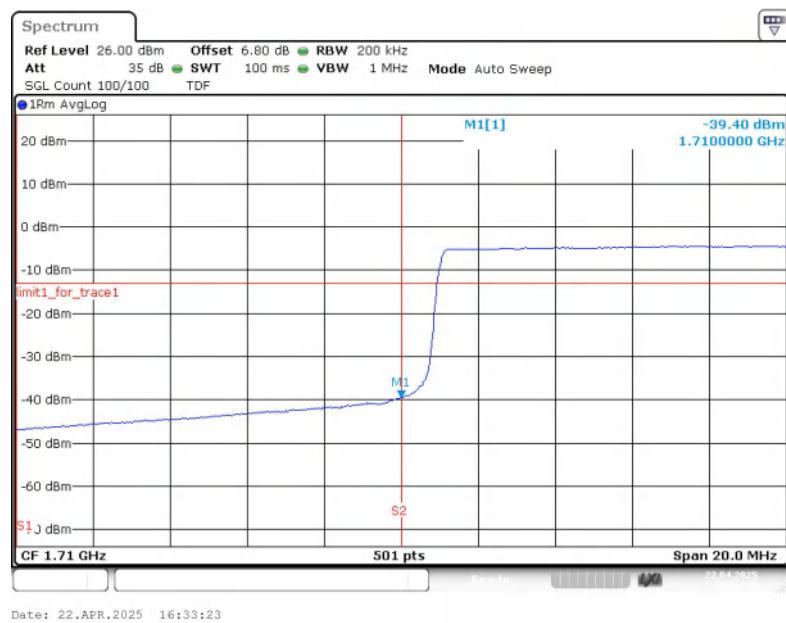
### OBW: 1RB-HIGH\_offset



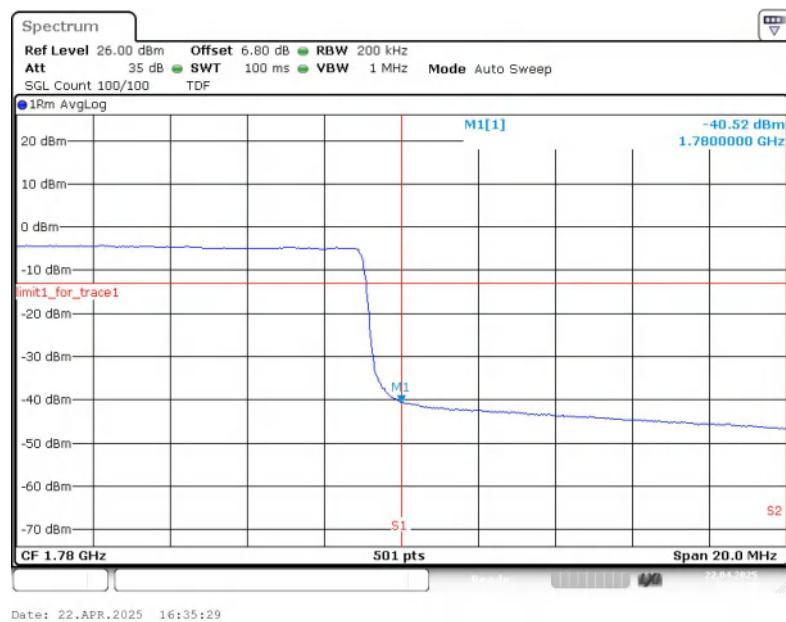
### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



### LOW BAND EDGE BLOCK-10MHz+20MHz-100%RB

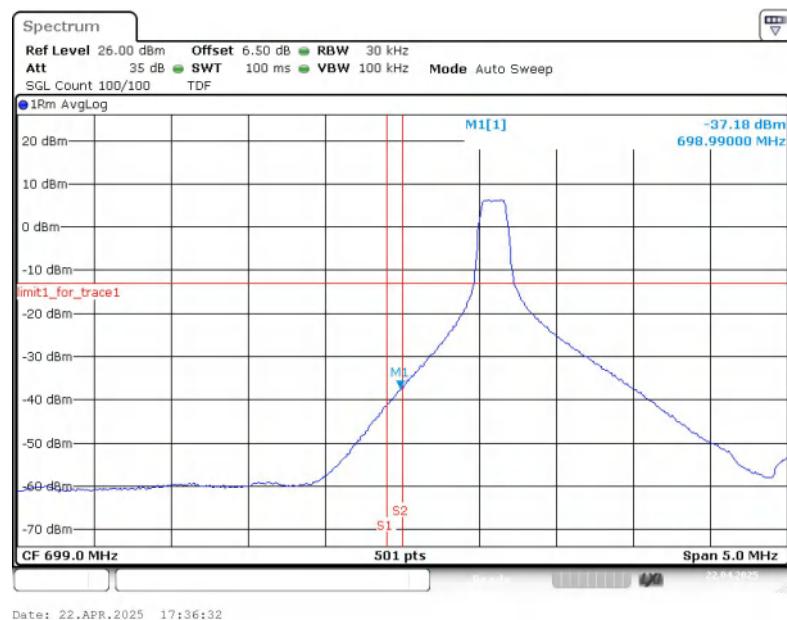


### HIGH BAND EDGE BLOCK-10MHz+20MHz-100%RB

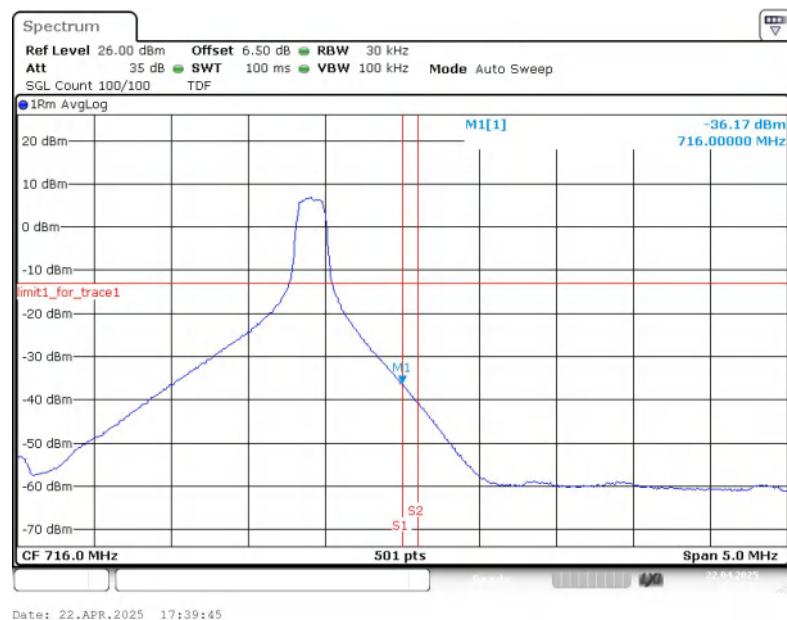


### LTE band 12@CA 12A-66A

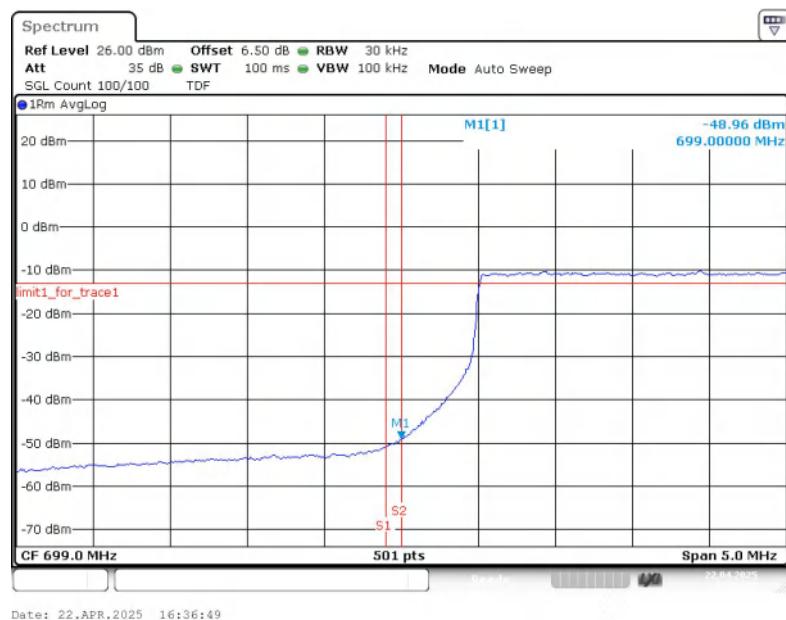
#### LOW BAND EDGE BLOCK-1RB-LOW\_offset



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

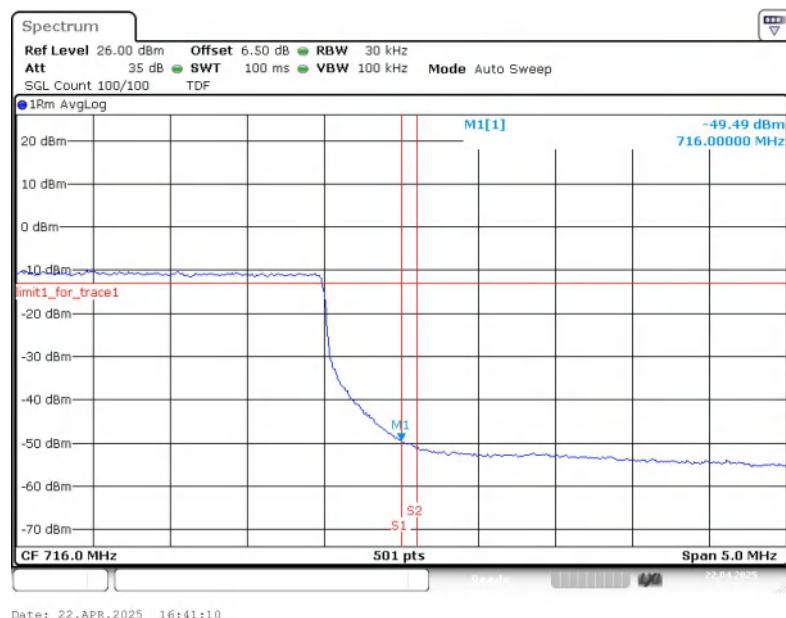


### LOW BAND EDGE BLOCK-10MHz+20MHz-100%RB



Date: 22.APR.2025 16:36:49

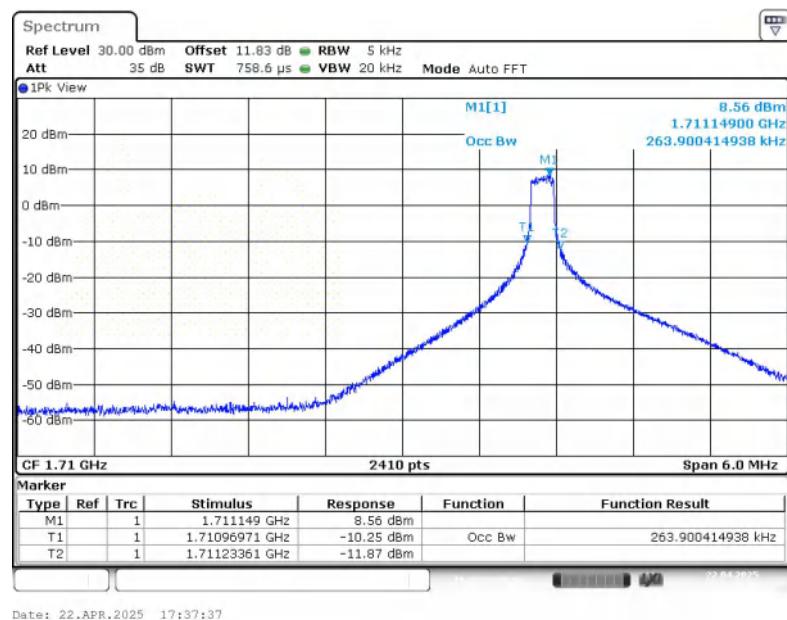
### HIGH BAND EDGE BLOCK-10MHz+20MHz-100%RB



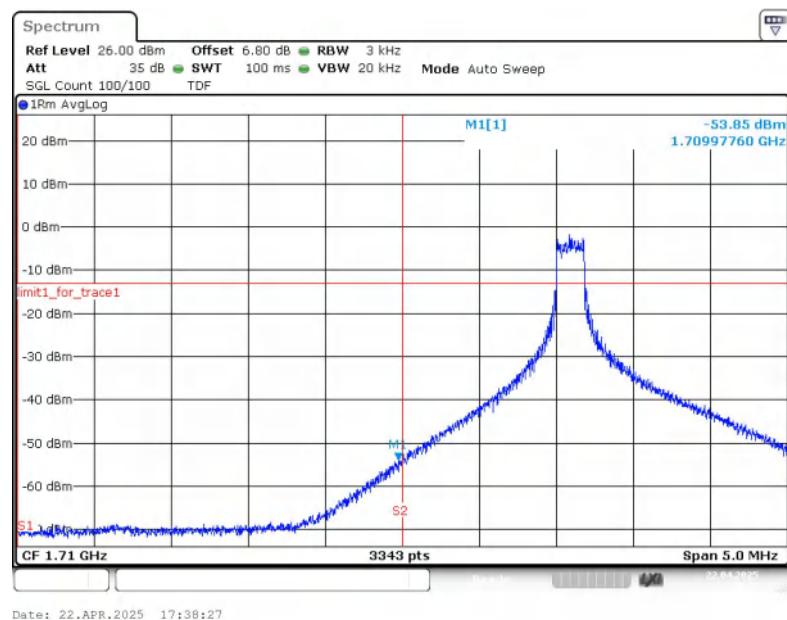
Date: 22.APR.2025 16:41:10

### LTE band 66@CA 12A-66A

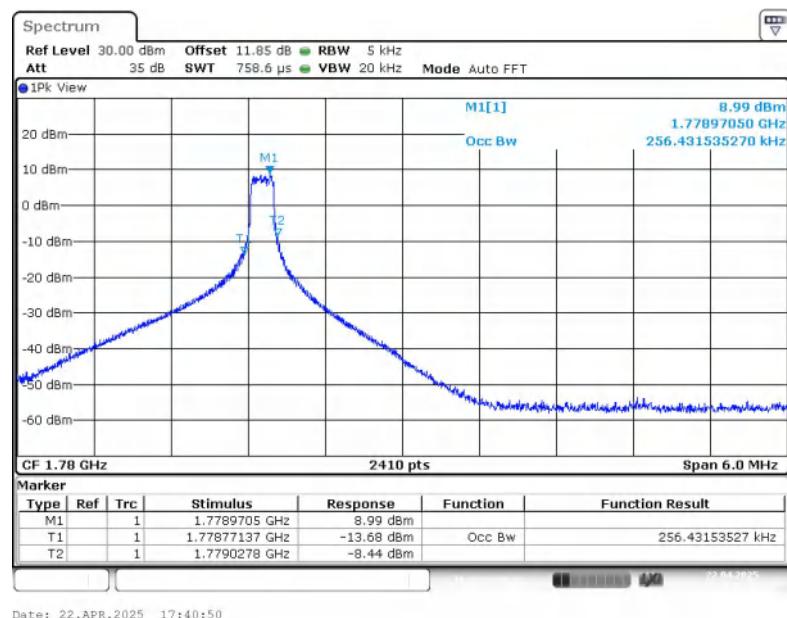
#### OBW: 1RB-LOW\_offset



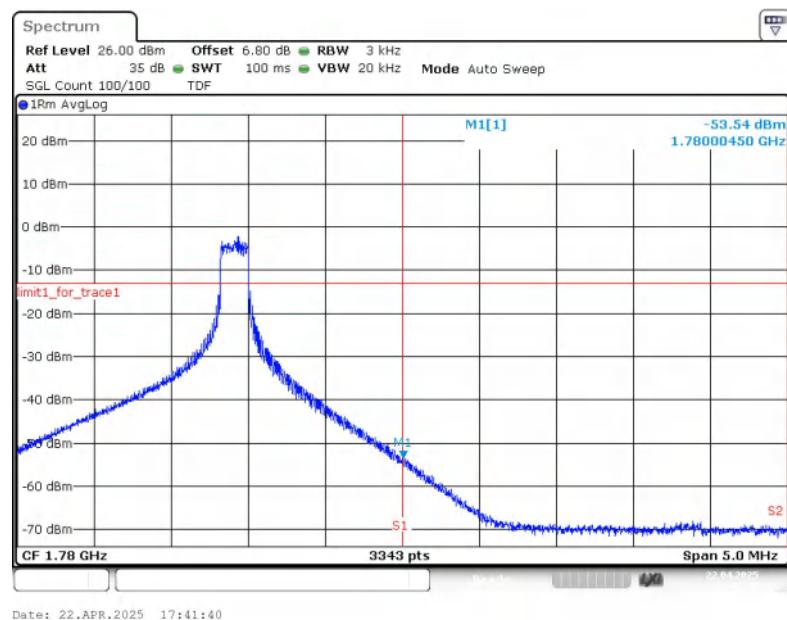
### LOW BAND EDGE BLOCK-1RB-LOW\_offset



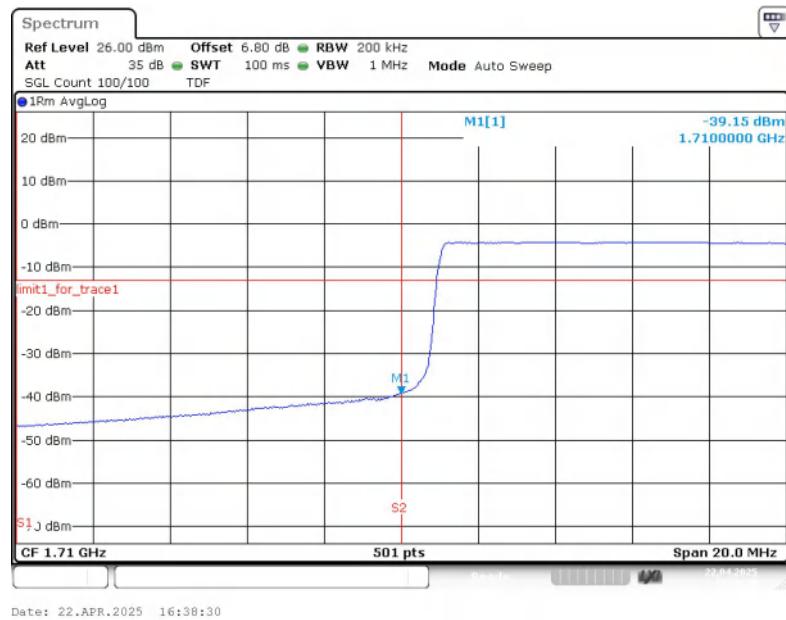
### OBW: 1RB-HIGH\_offset



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

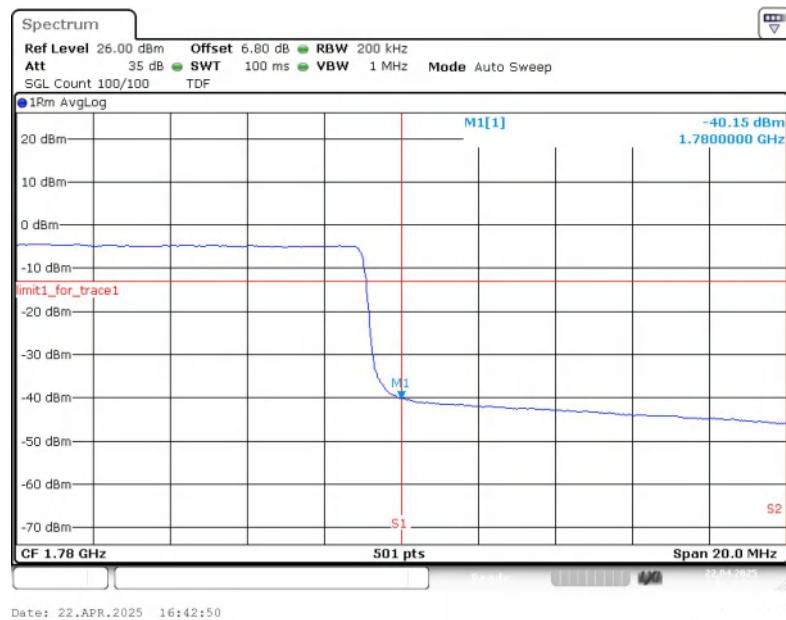


### LOW BAND EDGE BLOCK-10MHz+20MHz-100%RB



Date: 22.APR.2025 16:38:30

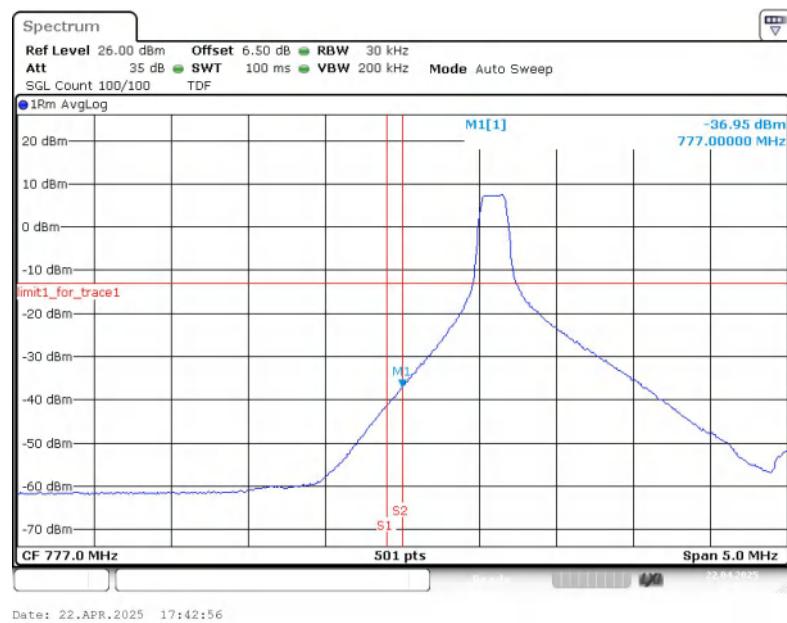
### HIGH BAND EDGE BLOCK-10MHz+20MHz-100%RB



Date: 22.APR.2025 16:42:50

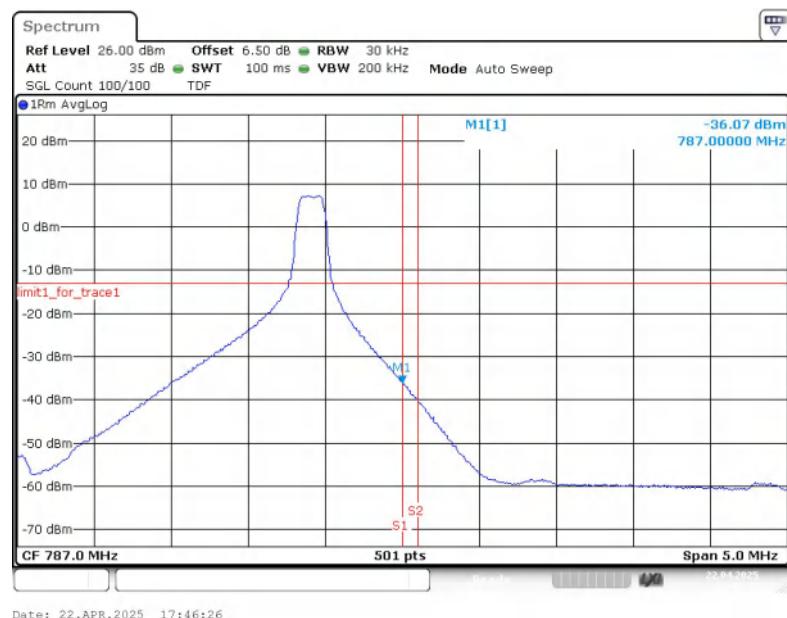
### LTE band 13@CA 13A-66A

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



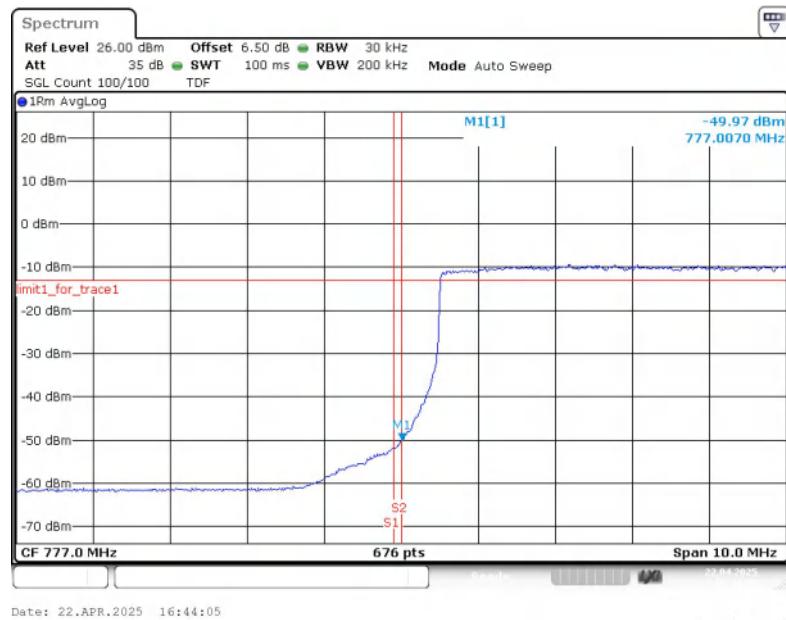
Date: 22.APR.2025 17:42:56

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

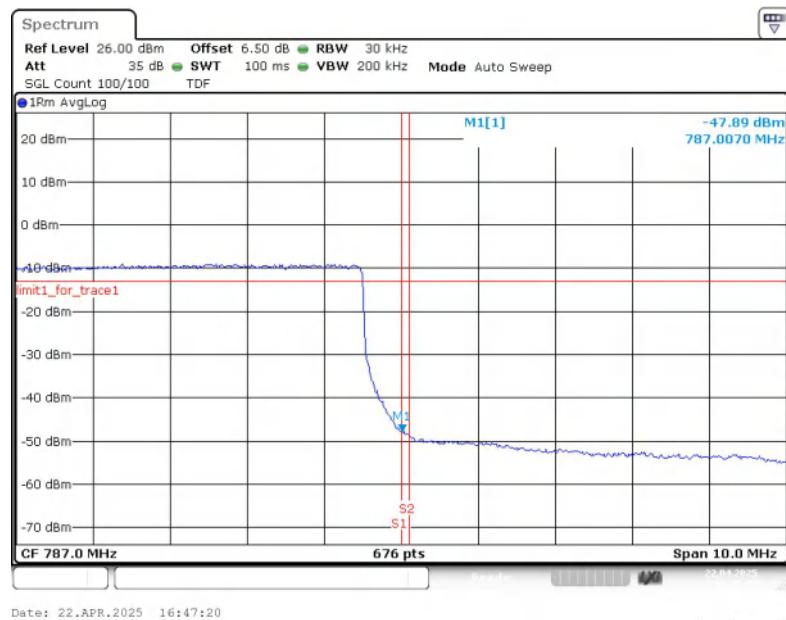


Date: 22.APR.2025 17:46:26

### LOW BAND EDGE BLOCK-10MHz+20MHz-100%RB

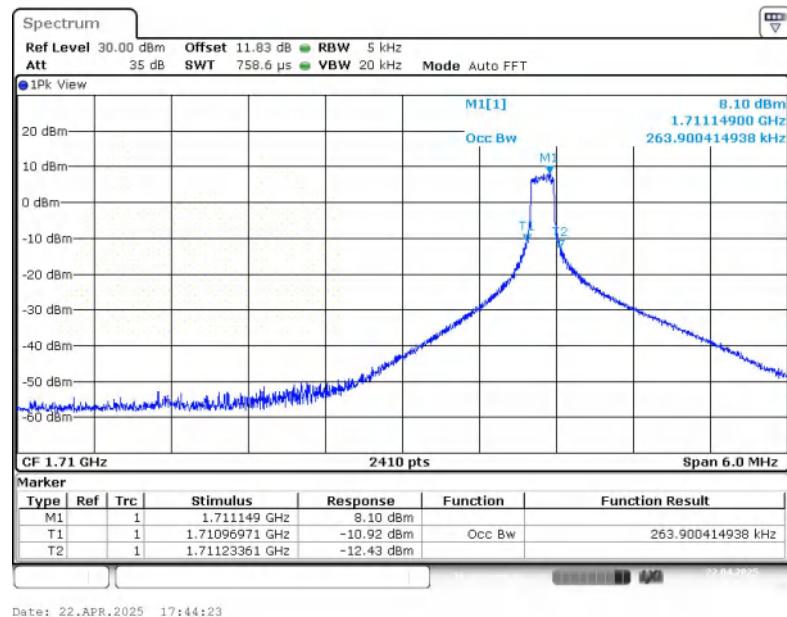


### HIGH BAND EDGE BLOCK-10MHz+20MHz-100%RB

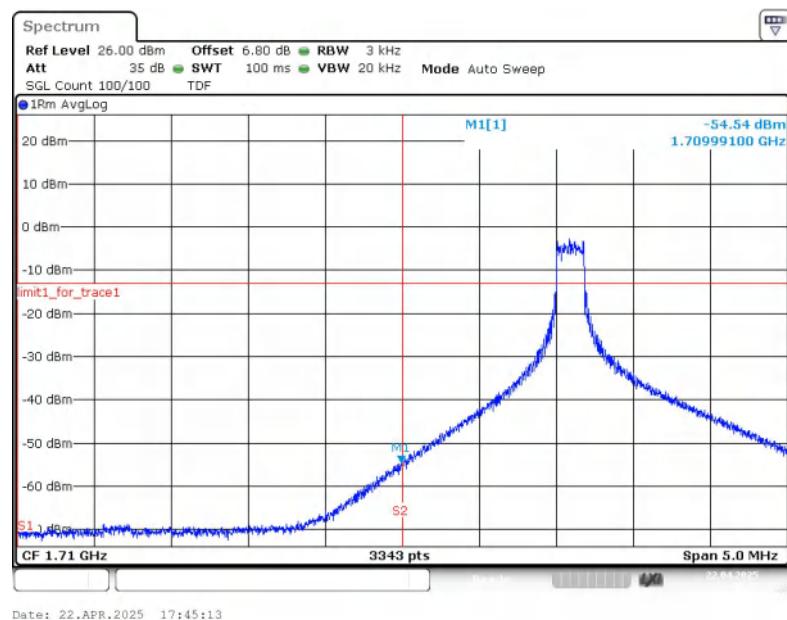


### LTE band 66@CA 13A-66A

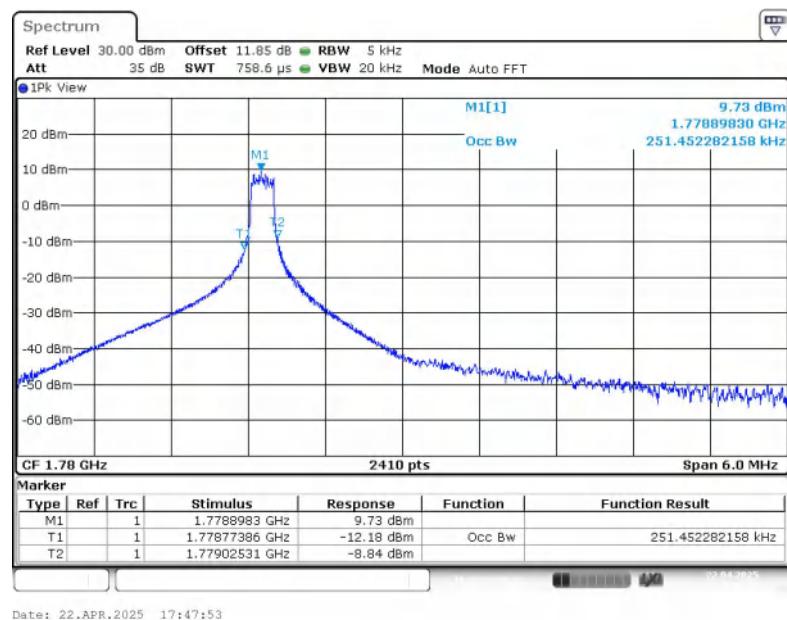
#### OBW: 1RB-LOW\_offset



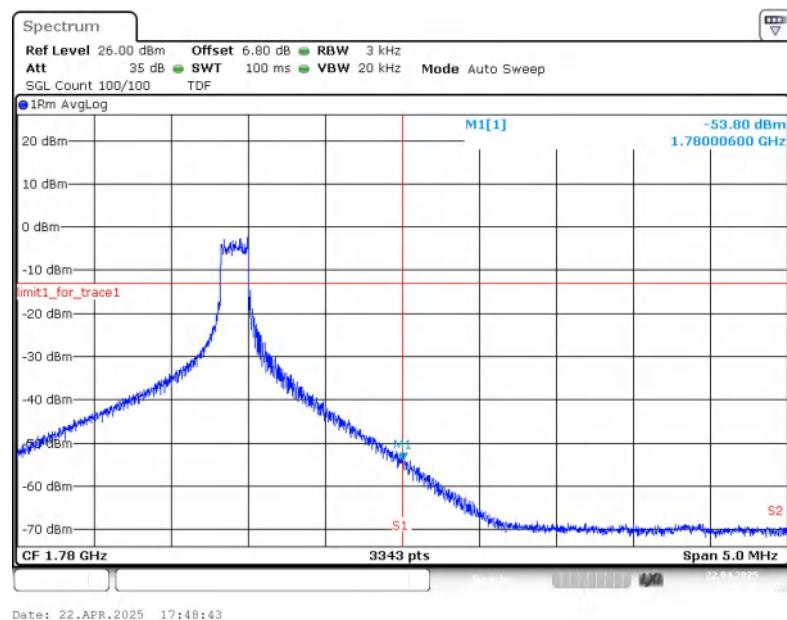
### LOW BAND EDGE BLOCK-1RB-LOW\_offset



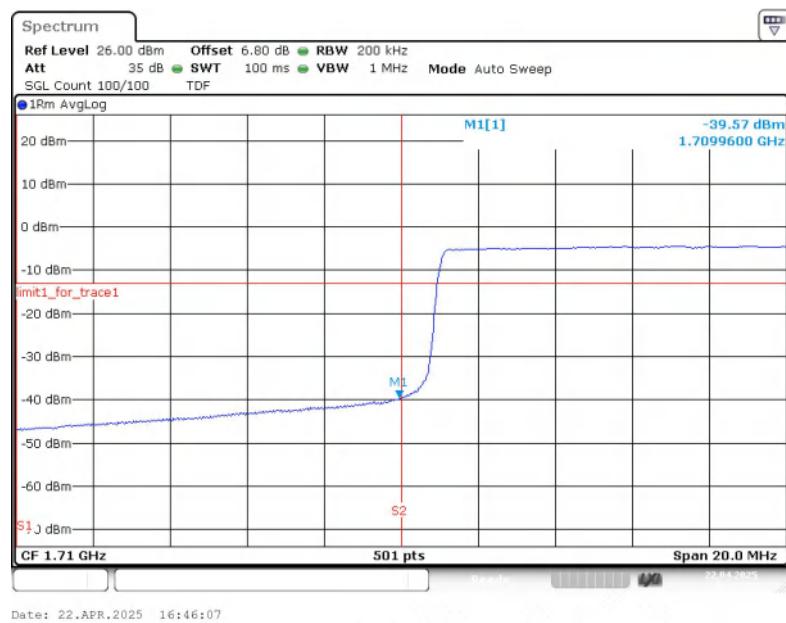
### OBW: 1RB-HIGH\_offset



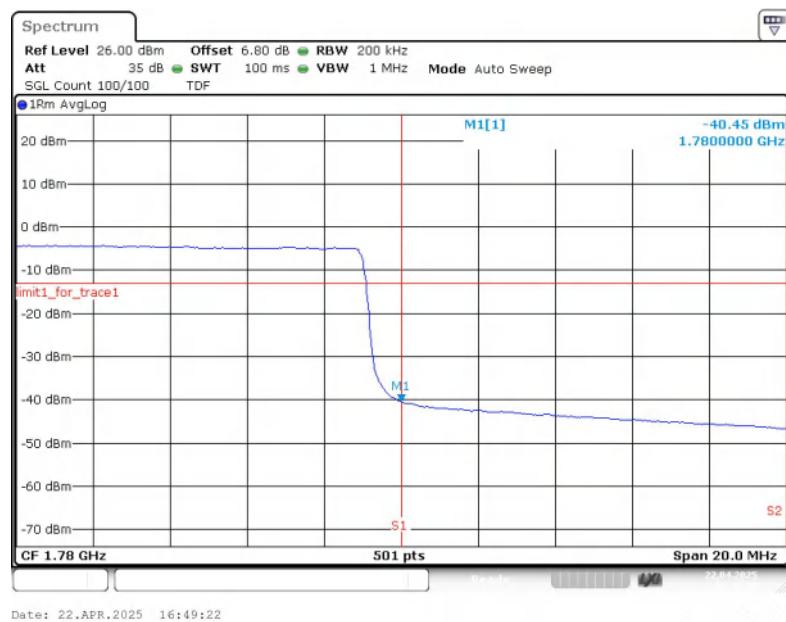
### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



### LOW BAND EDGE BLOCK-10MHz+20MHz-100%RB

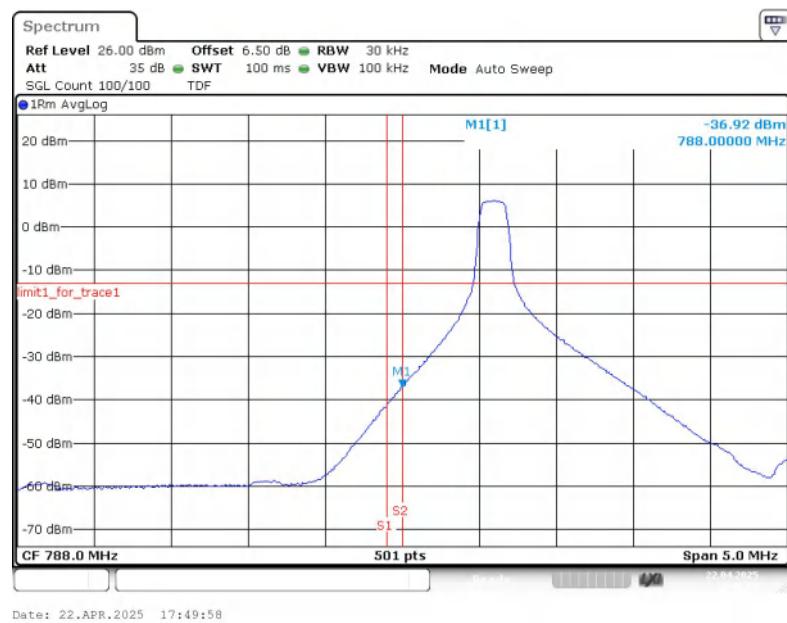


### HIGH BAND EDGE BLOCK-10MHz+20MHz-100%RB



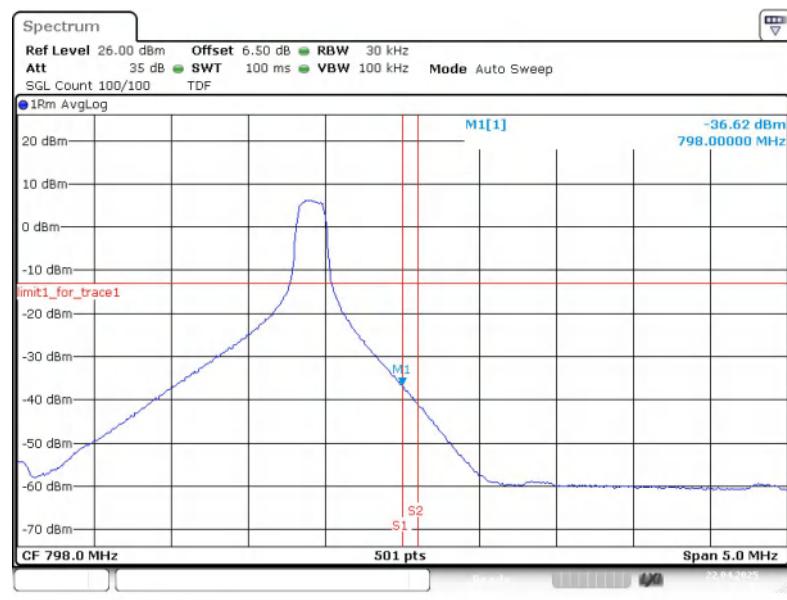
### LTE band 14@CA 14A-66A

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



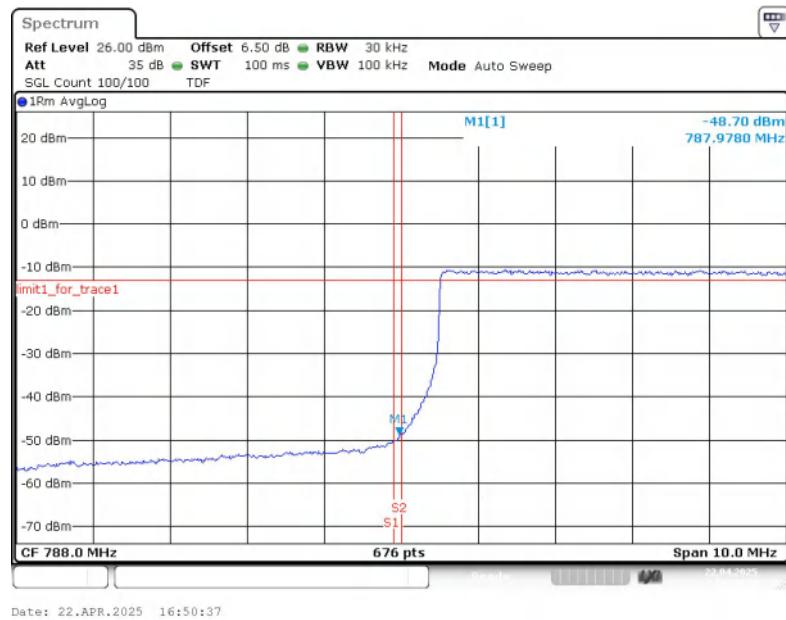
Date: 22.APR.2025 17:49:58

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

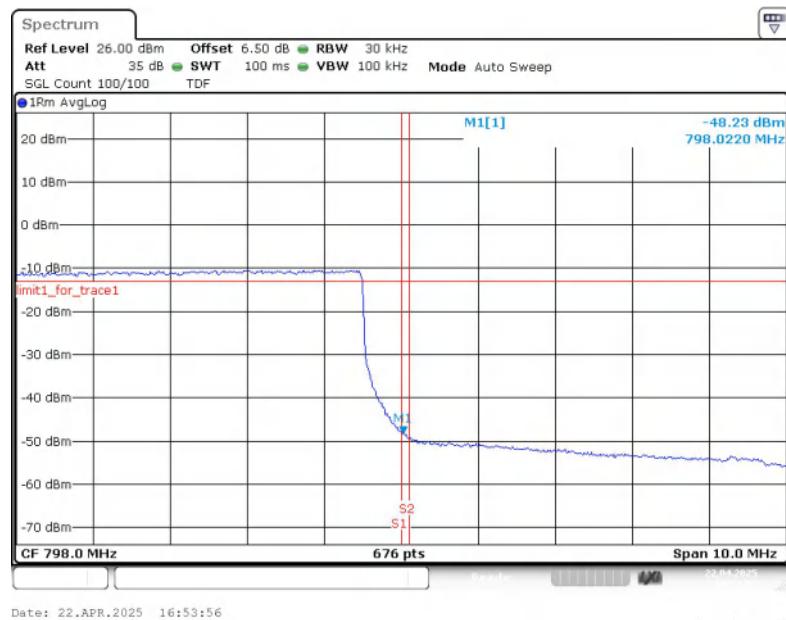


Date: 22.APR.2025 17:52:43

### LOW BAND EDGE BLOCK-10MHz+20MHz-100%RB

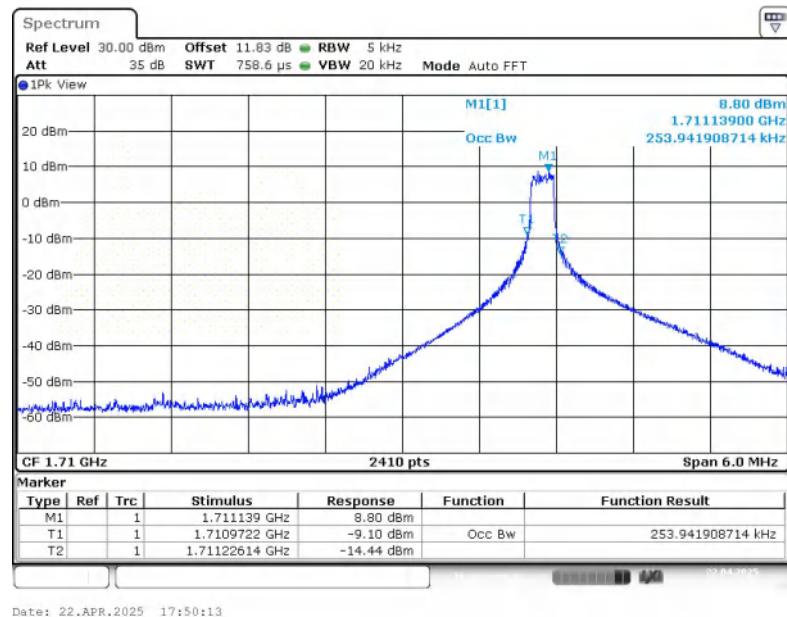


### HIGH BAND EDGE BLOCK-10MHz+20MHz-100%RB

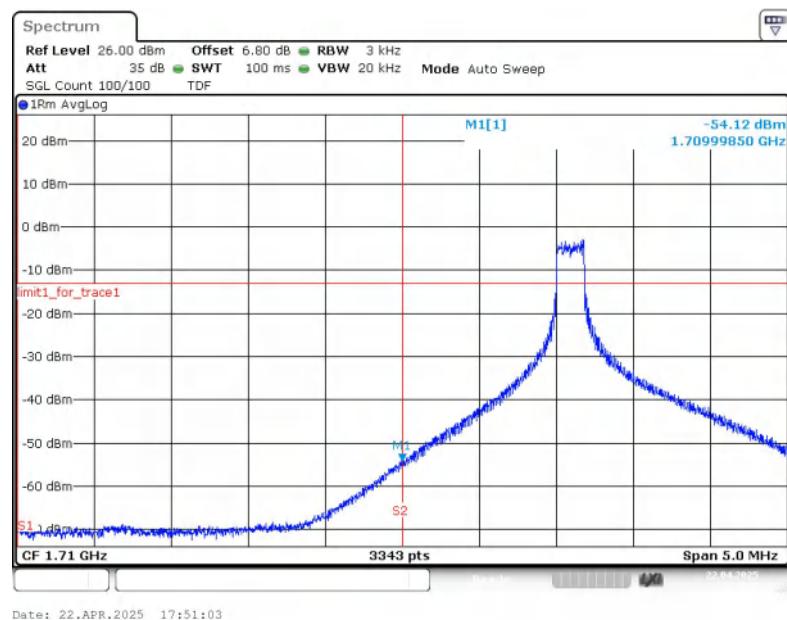


### LTE band 66@CA 14A-66A

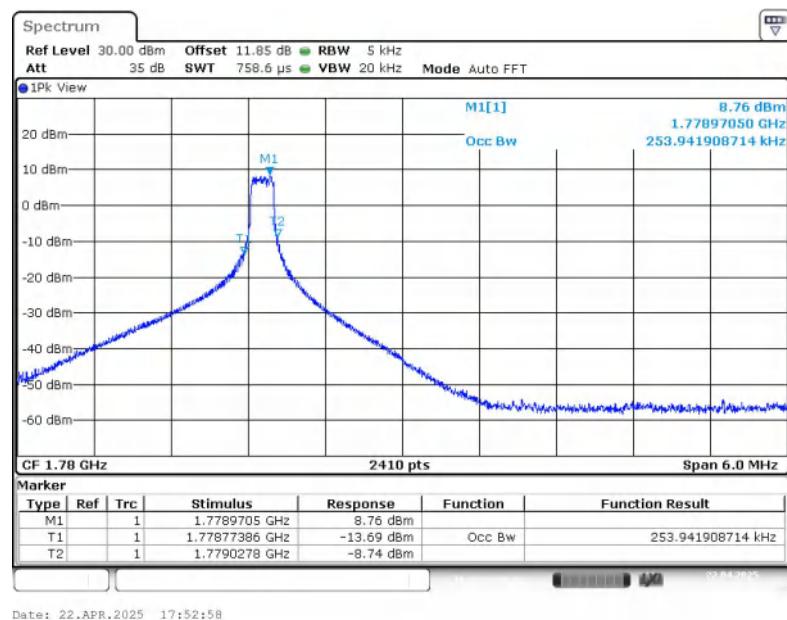
#### OBW: 1RB-LOW\_offset



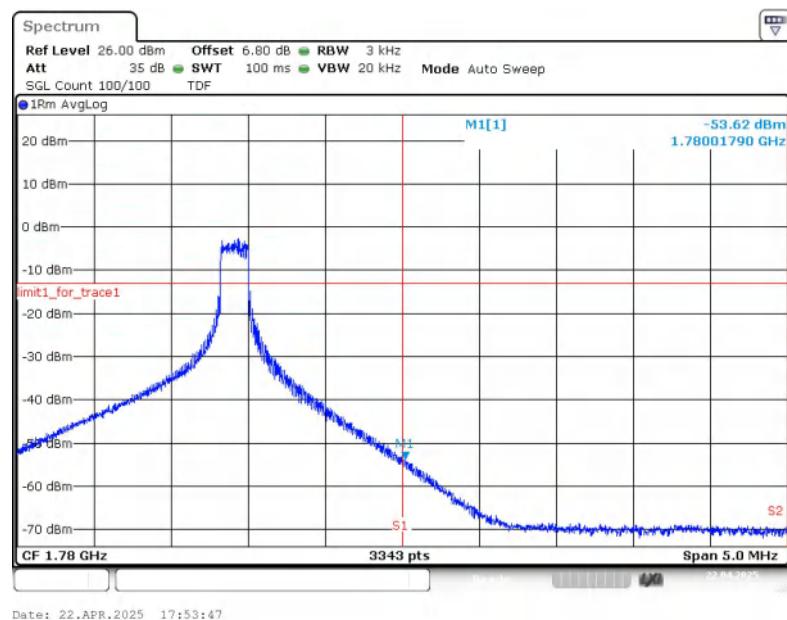
### LOW BAND EDGE BLOCK-1RB-LOW\_offset



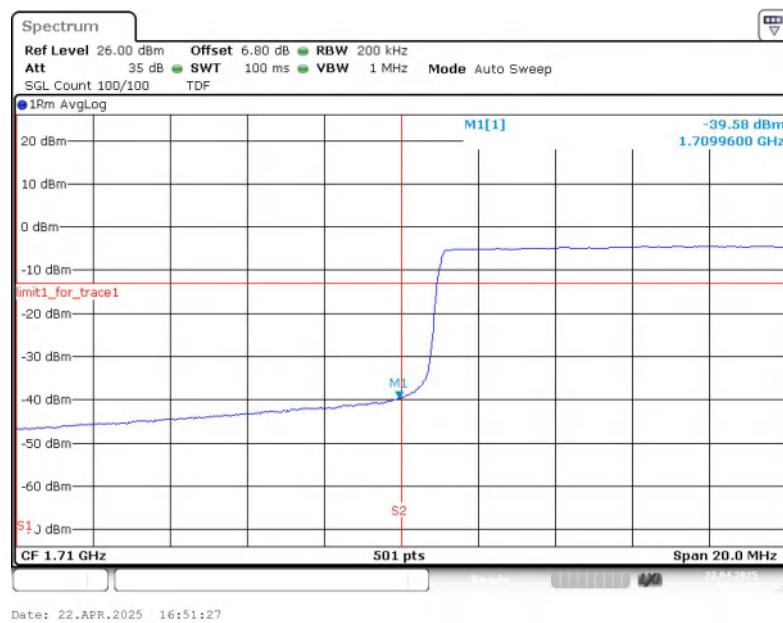
### OBW: 1RB-HIGH\_offset



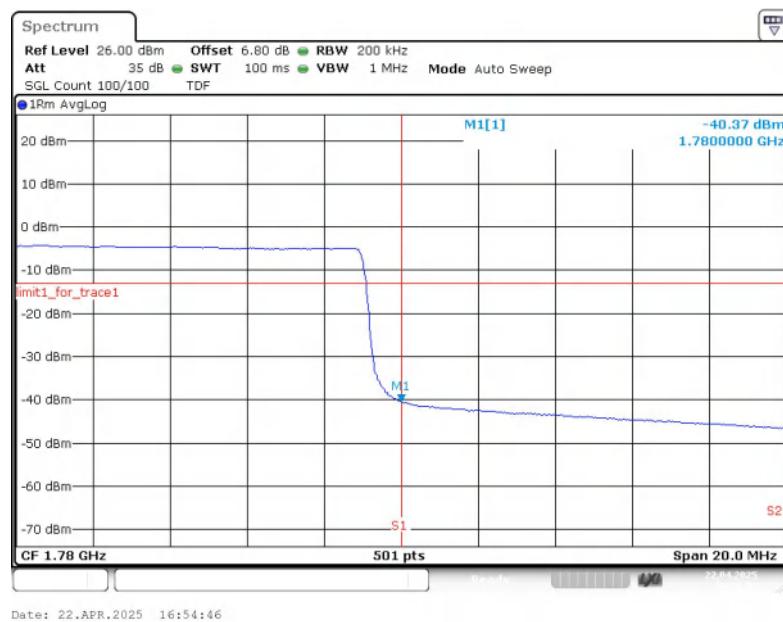
### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



### LOW BAND EDGE BLOCK-10MHz+20MHz-100%RB

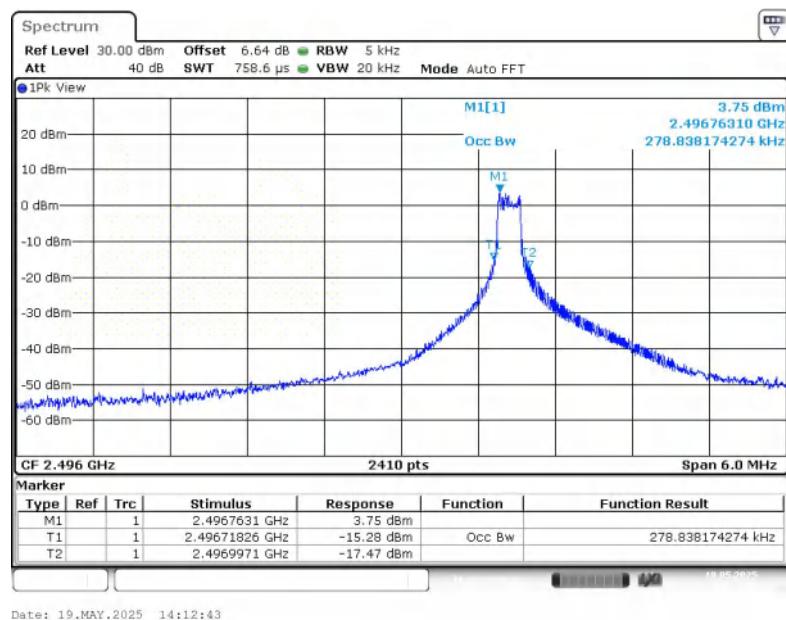


### HIGH BAND EDGE BLOCK-10MHz+20MHz-100%RB

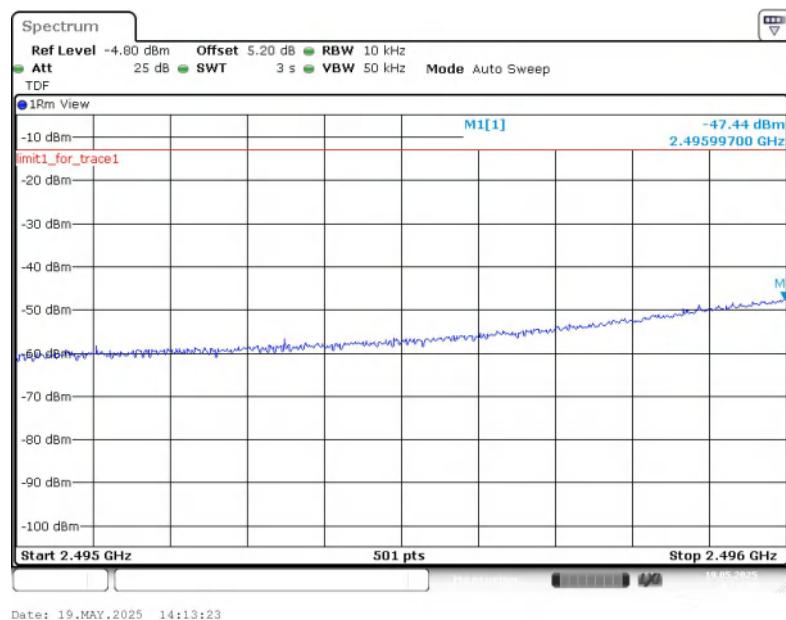


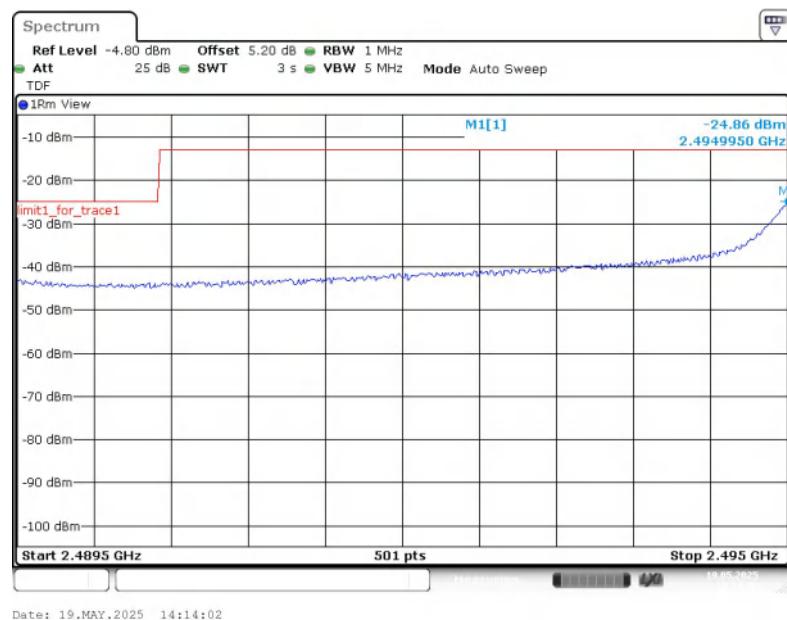
## LTE CA band 41C

### OBW: 1RB-low\_offset

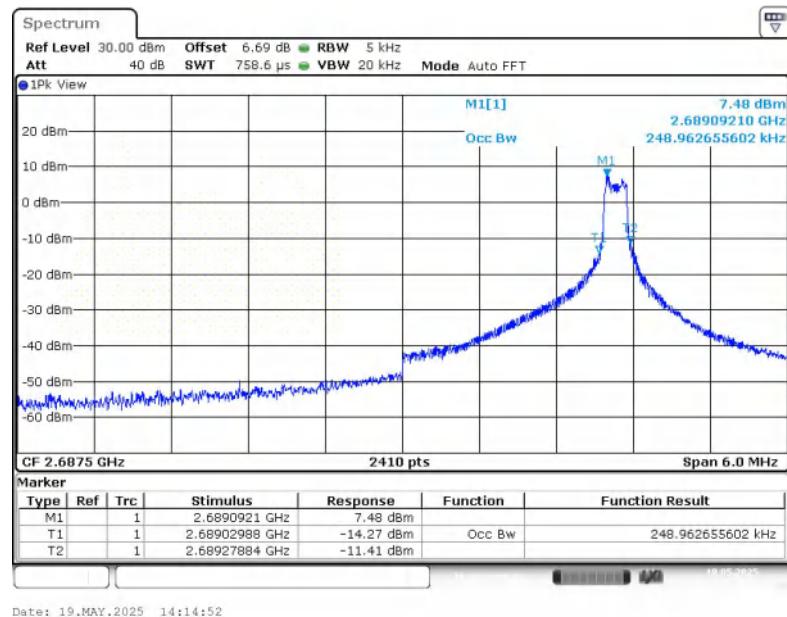


### LOW BAND EDGE BLOCK-1RB-low\_offset

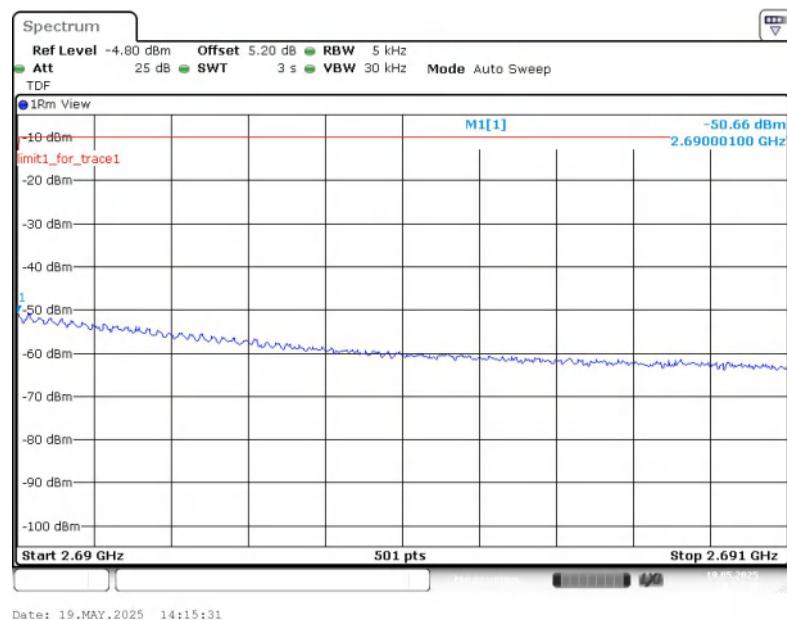


**LOW BAND EDGE BLOCK-1RB-low\_offset**

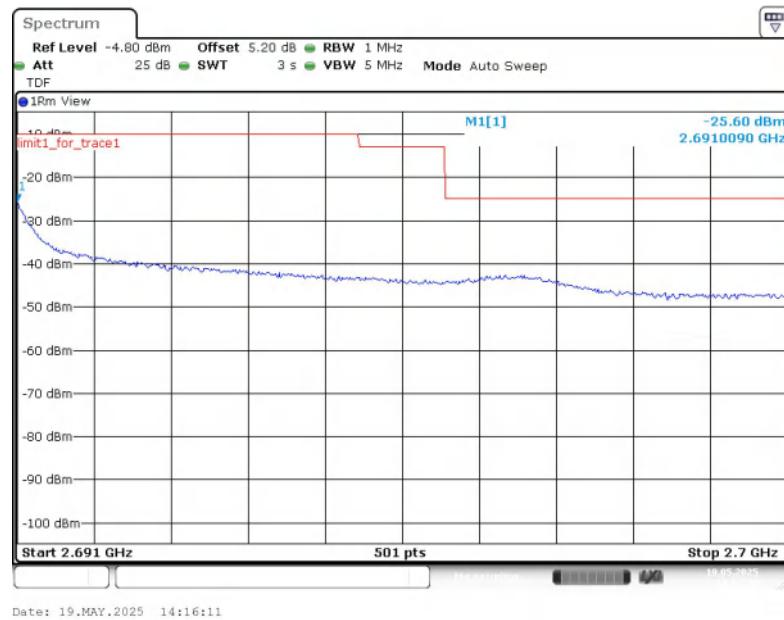
### OBW: 1RB-high\_offset



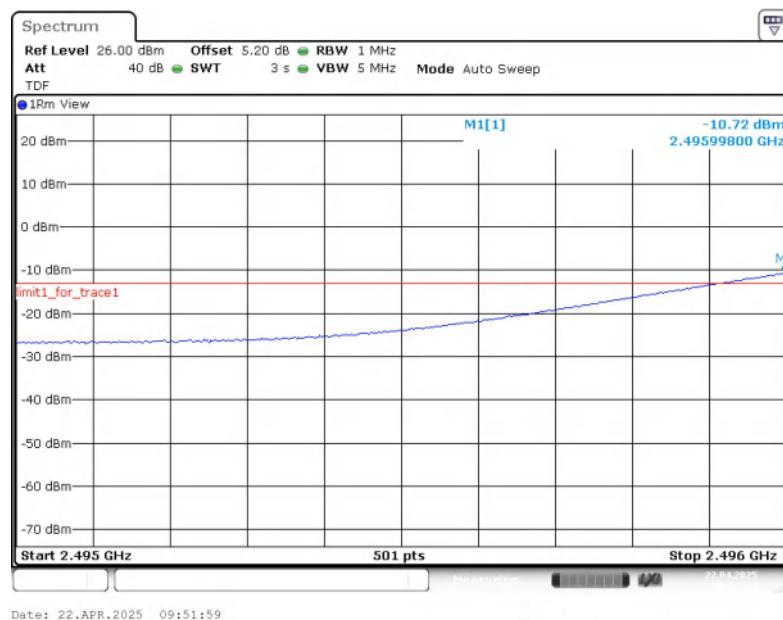
### HIGH BAND EDGE BLOCK-1RB-high\_offset



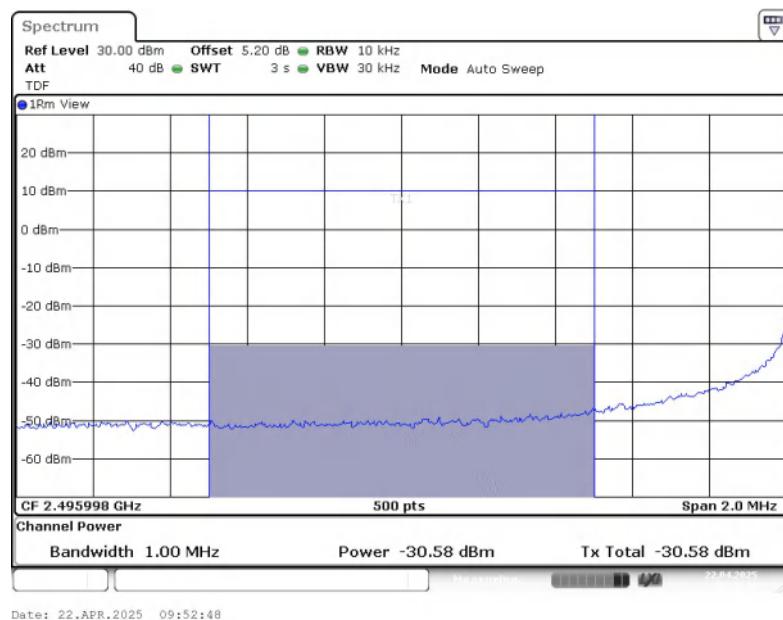
### HIGH BAND EDGE BLOCK-1RB-high\_offset

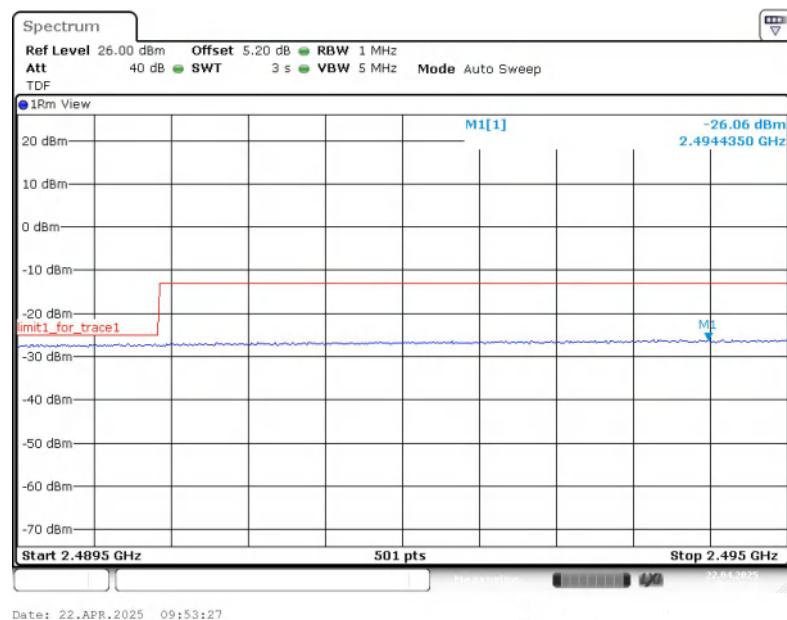


## LOW BAND EDGE BLOCK-20MHz+20MHz-100%RB



## Channel power



**LOW BAND EDGE BLOCK-20MHz+20MHz-100%RB**

### HIGH BAND EDGE BLOCK-20MHz+20MHz-100%RB



Date: 22.APR.2025 09:55:04

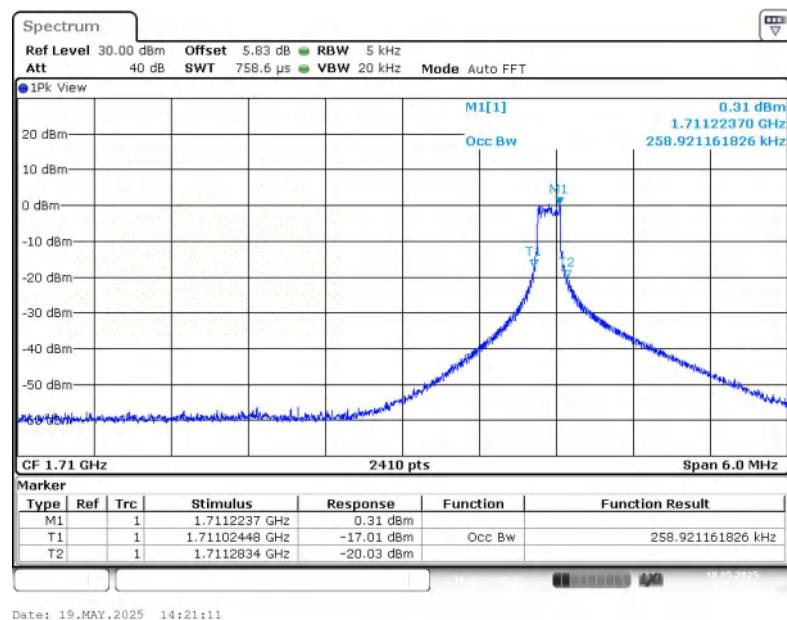
### HIGH BAND EDGE BLOCK-20MHz+20MHz-100%RB



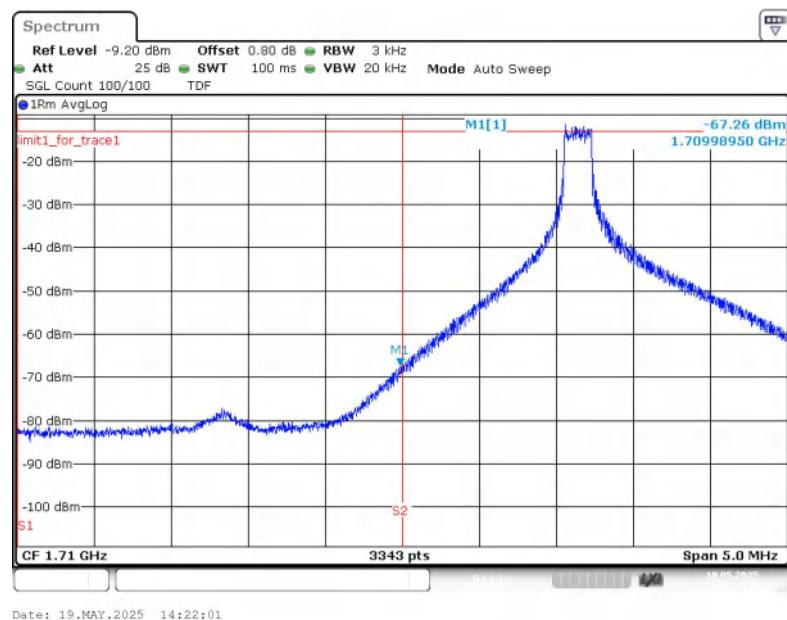
Date: 22.APR.2025 09:55:43

## LTE CA band 66C

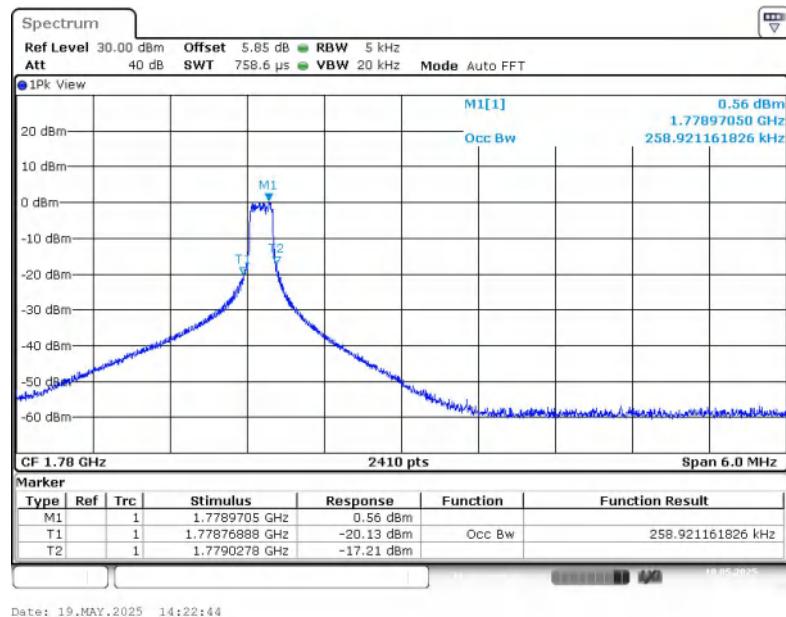
### OBW: 1RB-low\_offset



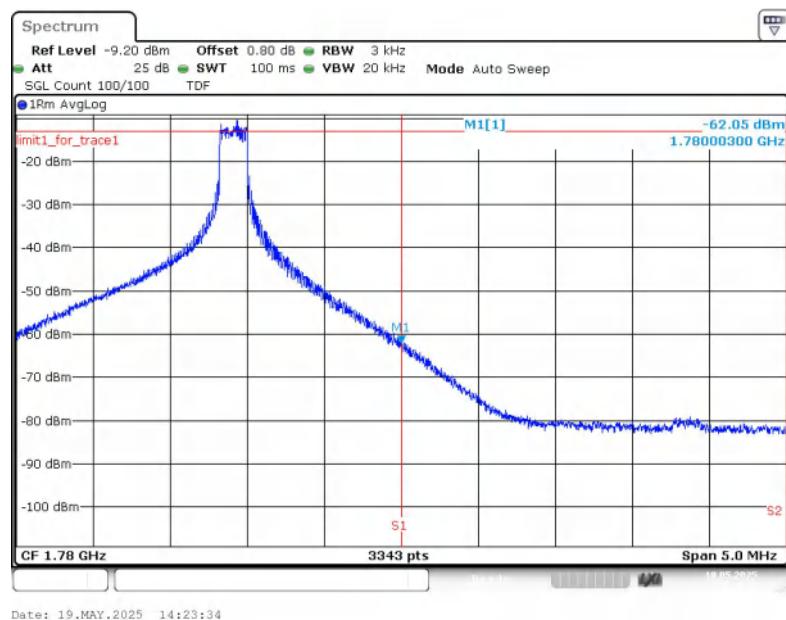
### LOW BAND EDGE BLOCK-1RB-low\_offset



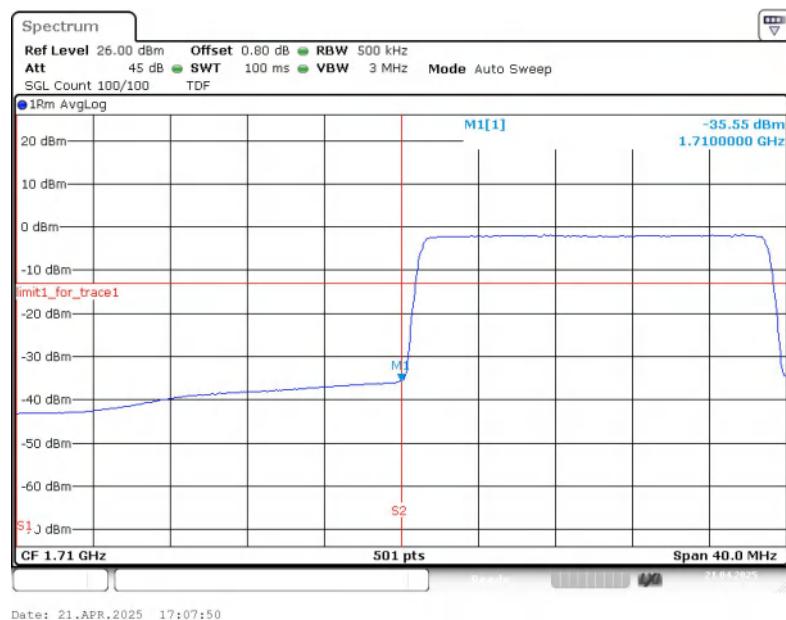
### OBW: 1RB-high\_offset



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

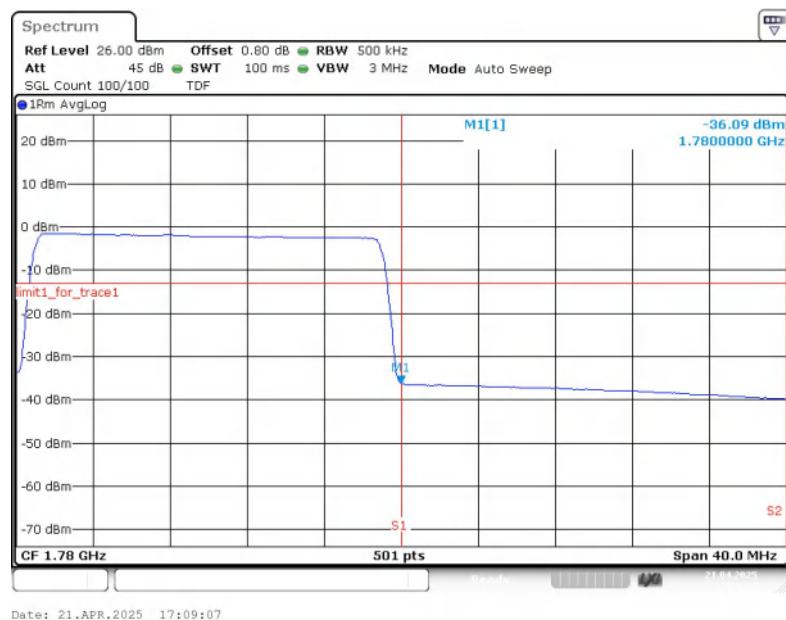


### LOW BAND EDGE BLOCK-20MHz+20MHz-100%RB



Date: 21.APR.2025 17:07:50

### HIGH BAND EDGE BLOCK-20MHz+20MHz-100%RB



Date: 21.APR.2025 17:09:07

## **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  $2 \times \text{span}/\text{RBW}$ .

### **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 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(c) states for operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:(1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least  $43 + 10 \log(P)$  dB;(2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least  $43 + 10 \log(P)$  dB;(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than  $65 + 10 \log(P)$  dB in a 6.25 kHz band segment, for mobile and portable stations.

Part 27.53(f) states for operations in the 746–758 MHz, 775–788 MHz, and 805–806 MHz bands, emissions in the band 1559–1610 MHz shall be limited to -70dBW/MHz equivalent isotropically

radiated power (EIRP) for wideband signals.

Part 27.53(g) states for operations in the 600 MHz band and the 698–746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least  $43 + 10 \log (P)$  dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

Part 27.53(a) states for mobile and portable stations operating in the 2305–2315 MHz and 2350–2360 MHz bands: By a factor of not less than:  $43 + 10 \log (P)$  dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than  $55 + 10 \log (P)$  dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than  $61 + 10 \log (P)$  dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than  $67 + 10 \log (P)$  dB on all frequencies between 2328 and 2337 MHz; By a factor of not less than  $43 + 10 \log (P)$  dB on all frequencies between 2300 and 2305 MHz,  $55 + 10 \log (P)$  dB on all frequencies between 2296 and 2300 MHz,  $61 + 10 \log (P)$  dB on all frequencies between 2292 and 2296 MHz,  $67 + 10 \log (P)$  dB on all frequencies between 2288 and 2292 MHz, and  $70 + 10 \log (P)$  dB below 2288 MHz; By a factor of not less than  $43 + 10 \log (P)$  dB on all frequencies between 2360 and 2365 MHz, and not less than  $70 + 10 \log (P)$  dB above 2365 MHz.

Part 90.543 states that for operations in the 758–768 MHz and the 788–798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following: (1) On all frequencies between 769–775 MHz and 799–805 MHz, by a factor not less than  $76 + 10 \log (P)$  dB in a 6.25 kHz band segment, for base and fixed stations. (2) On all frequencies between 769–775 MHz and 799–805 MHz, by a factor not less than  $65 + 10 \log (P)$  dB in a 6.25 kHz band segment, for mobile and portable stations. (3) On any frequency between 775–788 MHz, above 805 MHz, and below 758 MHz, by at least  $43 + 10 \log (P)$  dB. (4) Compliance with the provisions of paragraphs (e)(1) and (2) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment. (5) Compliance with the provisions of paragraph (e)(3) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of 30 kHz may be employed.

Part 90.691 states that out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows: For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $116 \log_{10}(f/6.1)$  decibels or  $50 + 10 \log_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

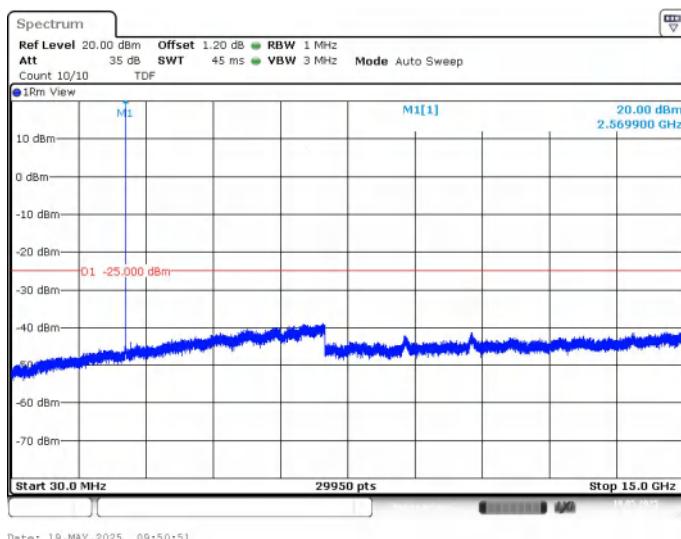
For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10\log_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

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. The conducted power of emissions below 3540 MHz or above 3710 MHz shall not exceed -25dBm/MHz, and the conducted power of emissions below 3530 MHz or above 3720 MHz shall not exceed -40dBm/MHz.

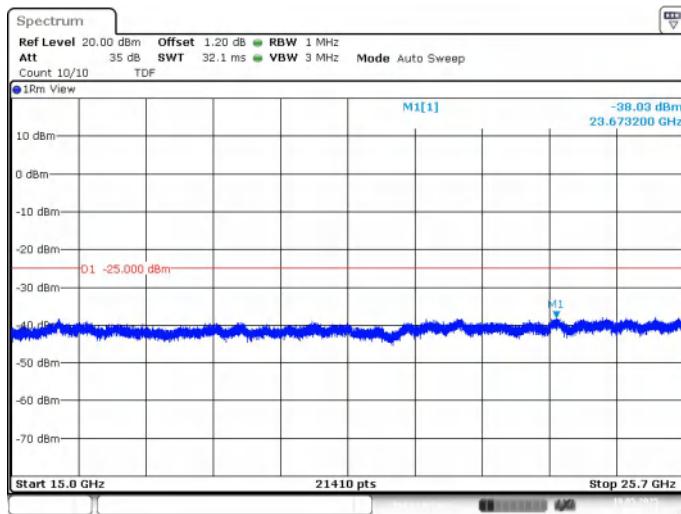
### A.7.3 Measurement result

#### LTE band 7

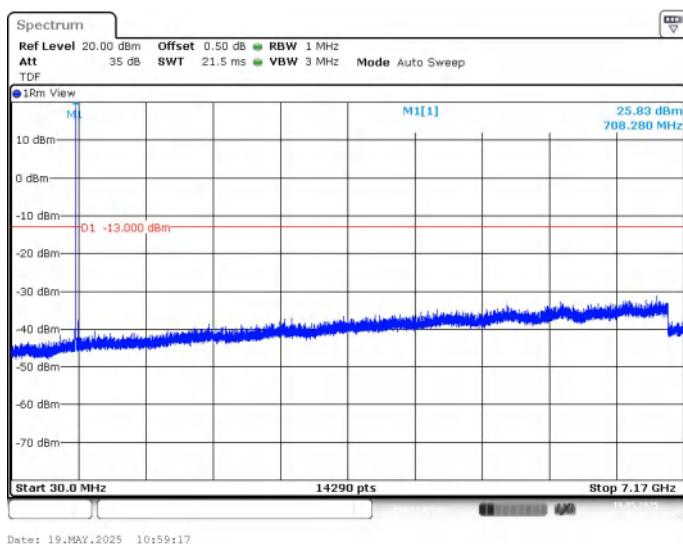
NOTE: peak above the limit line is the carrier frequency.



Date: 19.MAY.2025 09:50:51

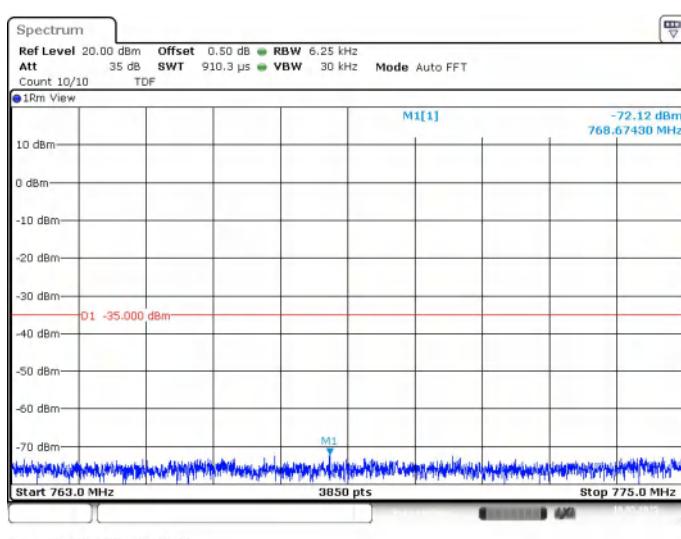
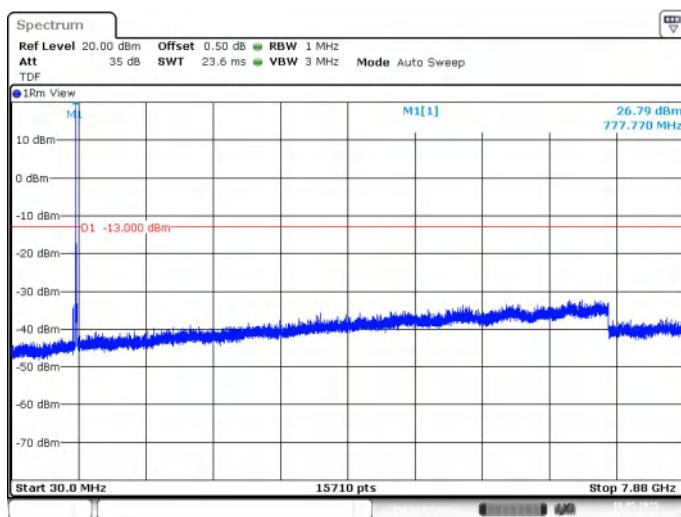


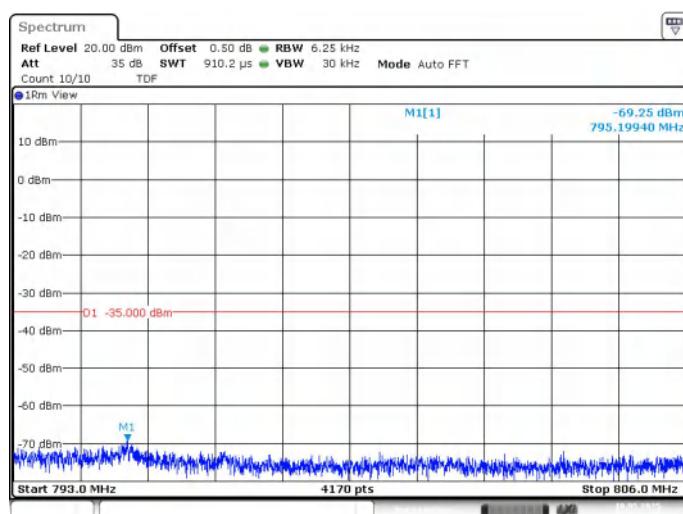
Date: 19.MAY.2025 09:51:24

**LTE band 12****NOTE: peak above the limit line is the carrier frequency.**

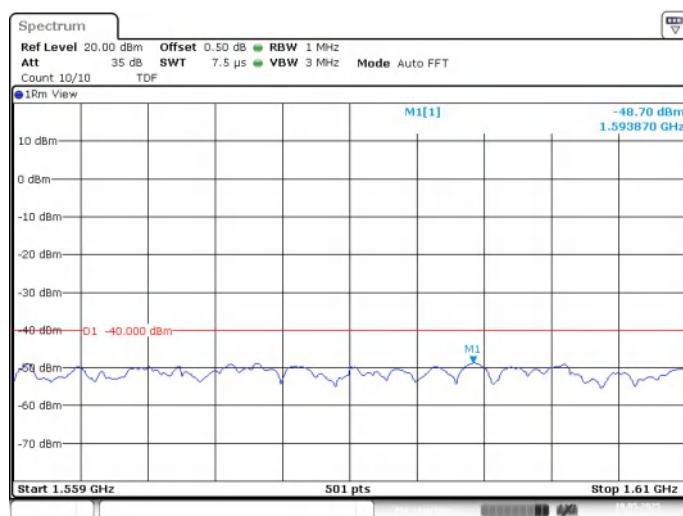
### LTE band 13

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





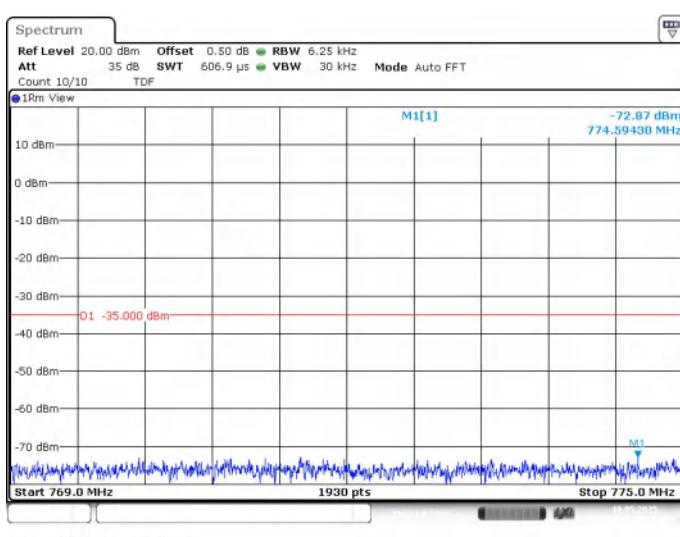
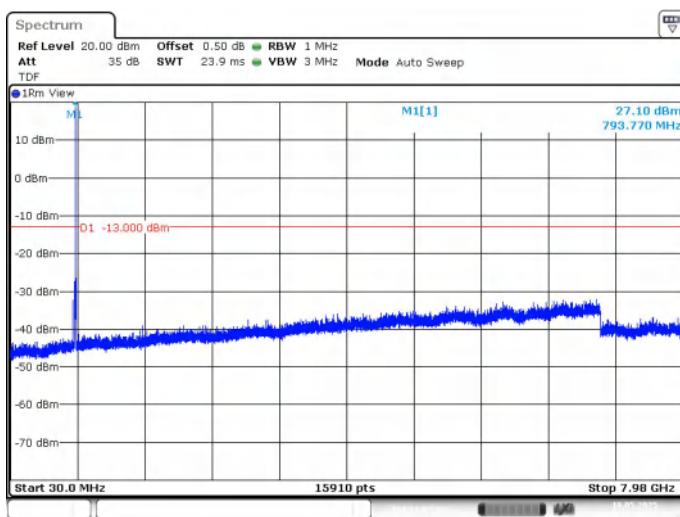
Date: 19.MAY.2025 11:02:49

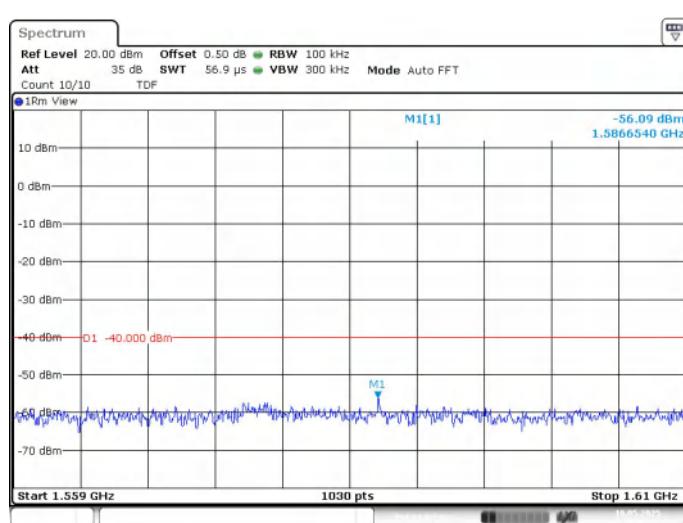
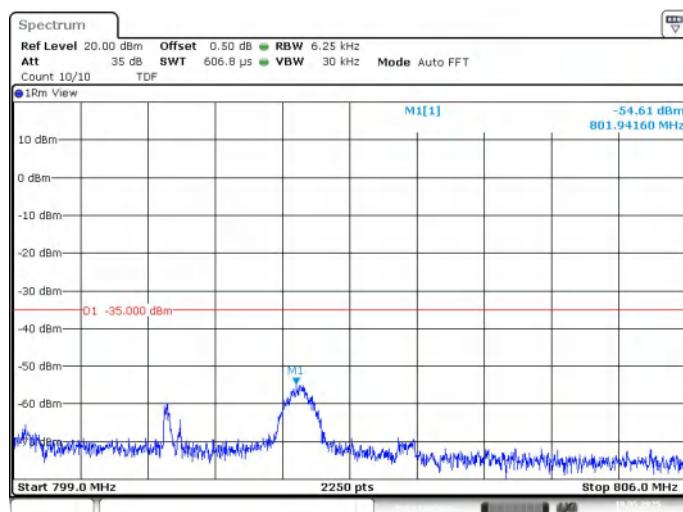


Date: 19.MAY.2025 11:03:22

### LTE band 14

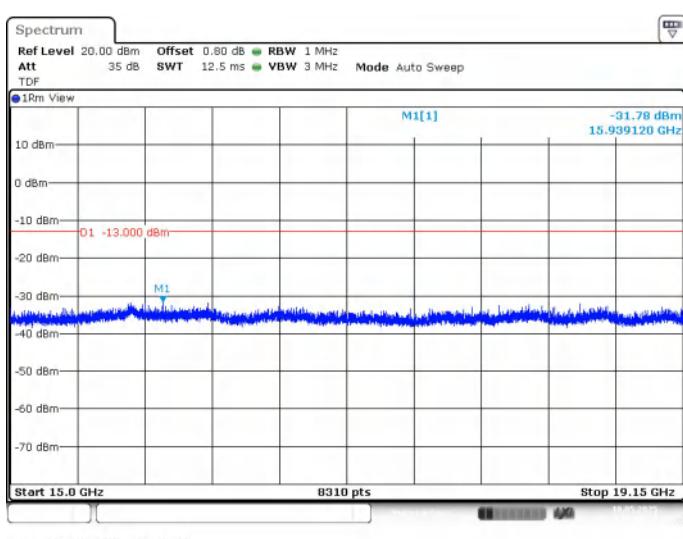
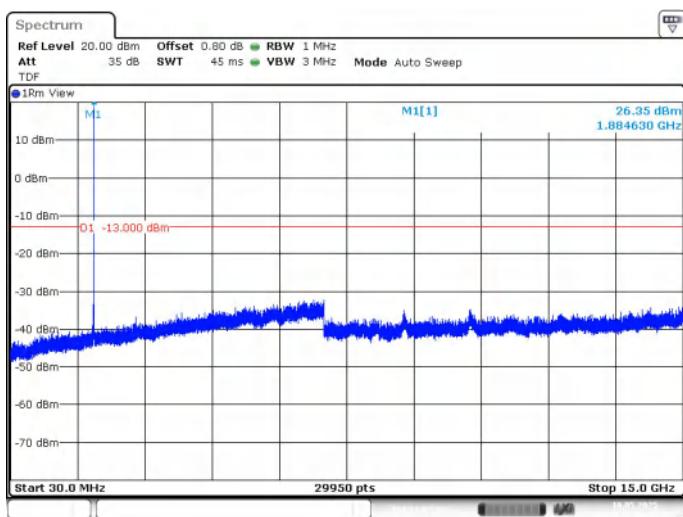
NOTE: peak above the limit line is the carrier frequency.





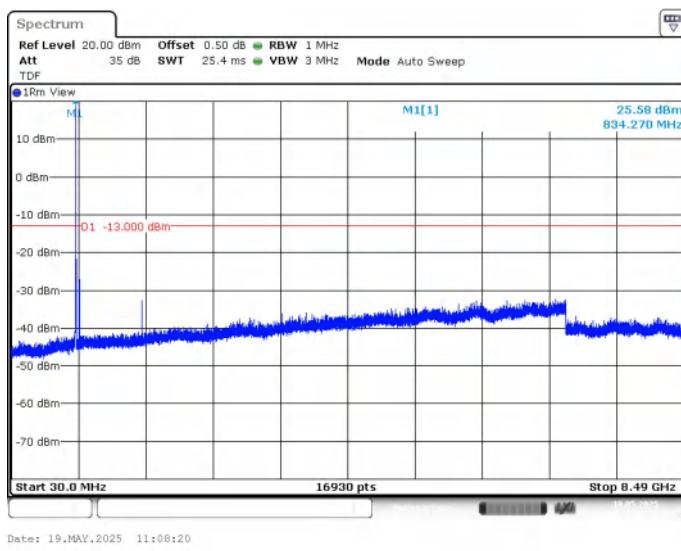
### LTE band 25

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



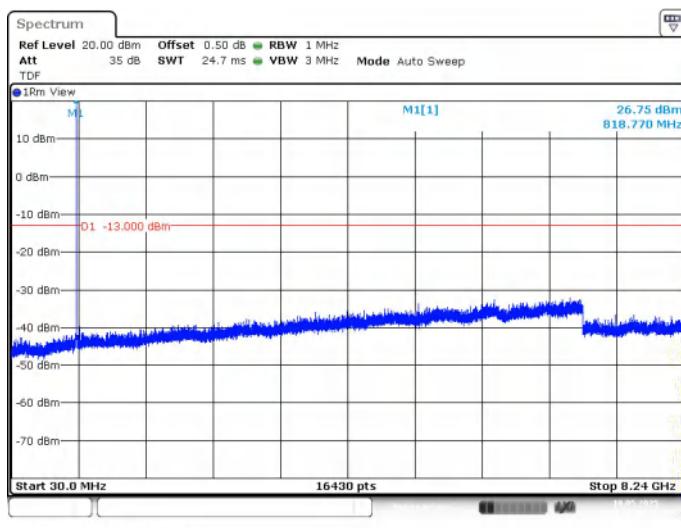
### LTE band 26\_Part22

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



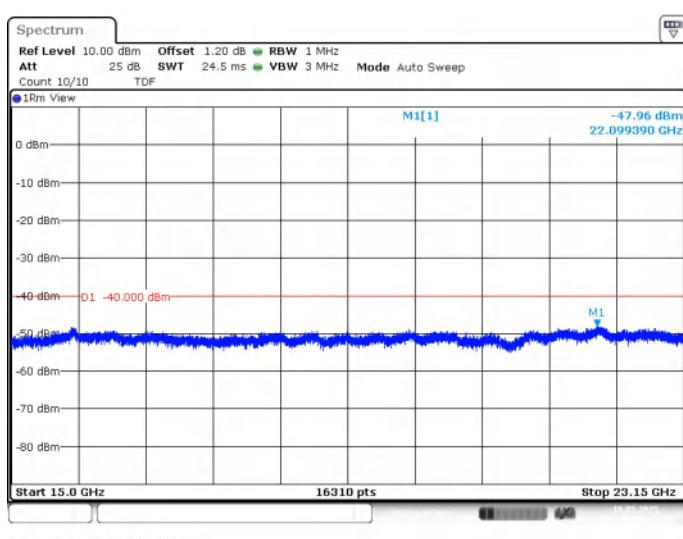
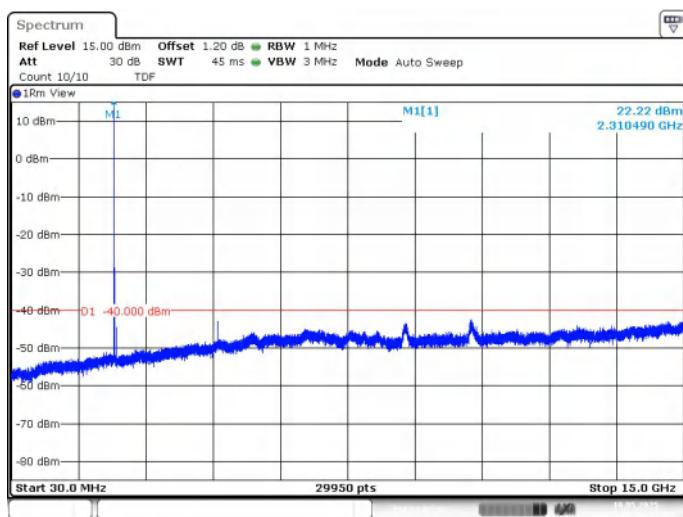
### LTE band 26\_Part90

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



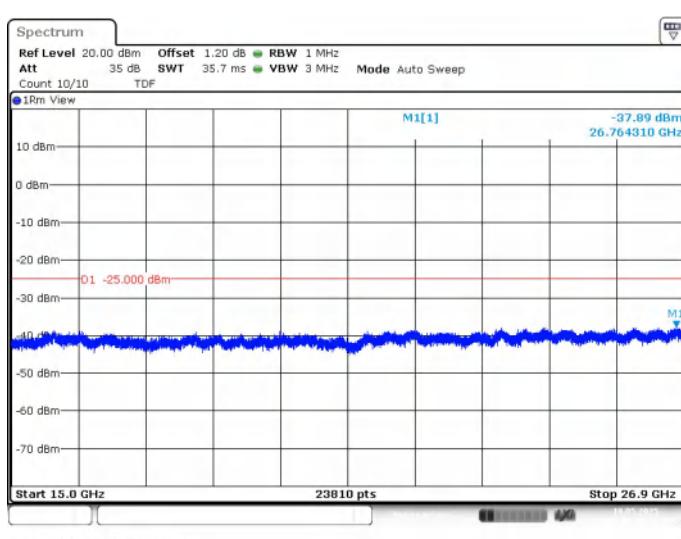
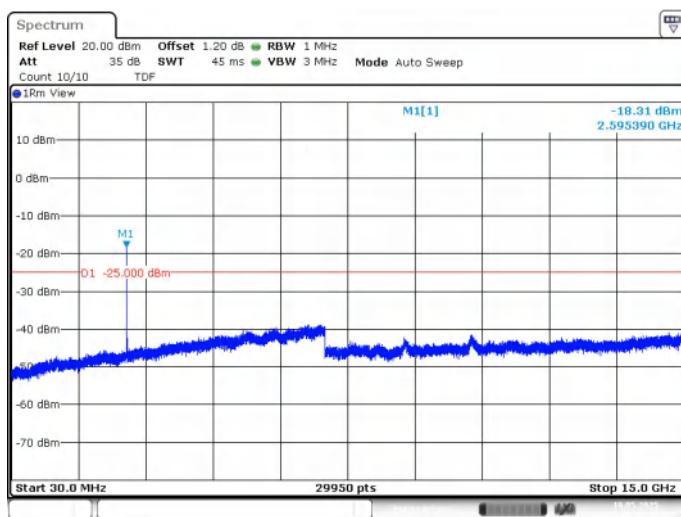
### LTE band 30

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



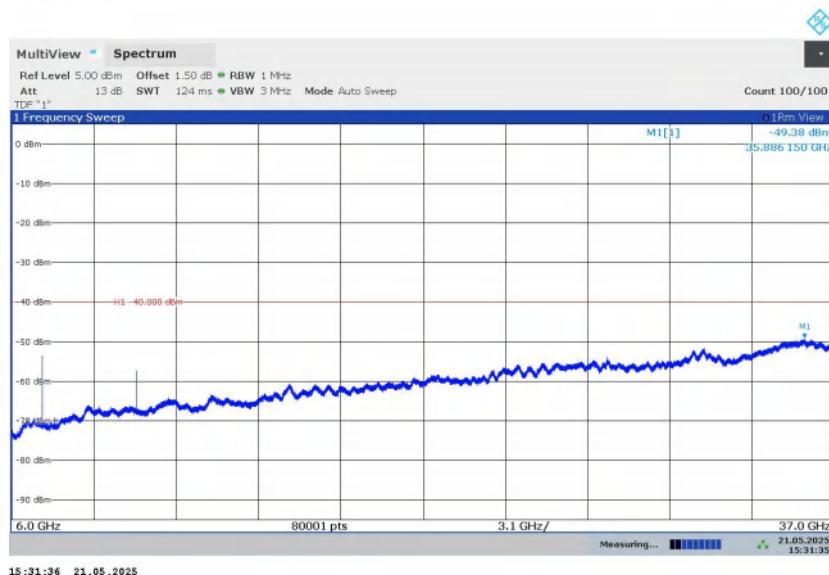
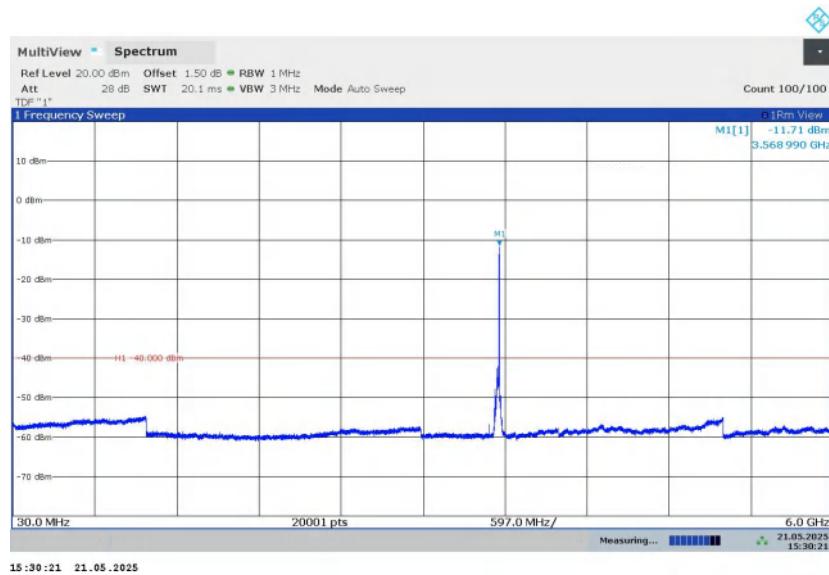
### LTE band 41

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



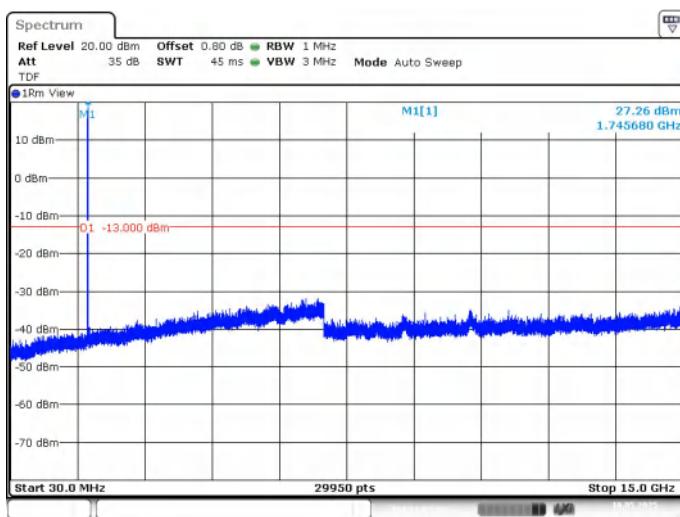
## LTE band 48

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

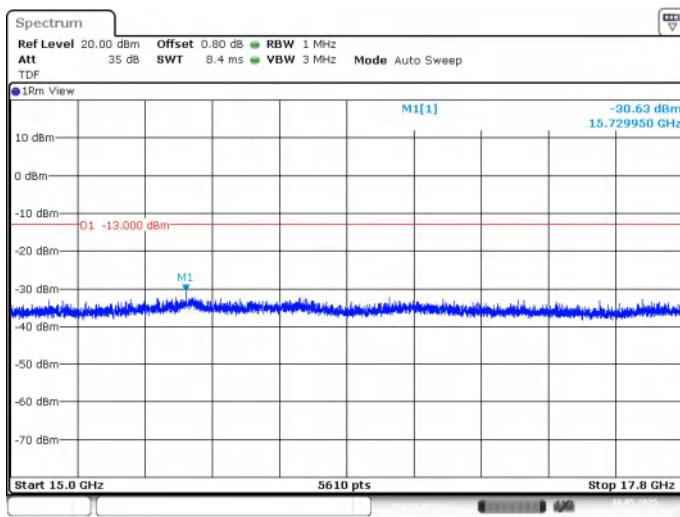


**LTE band 66**

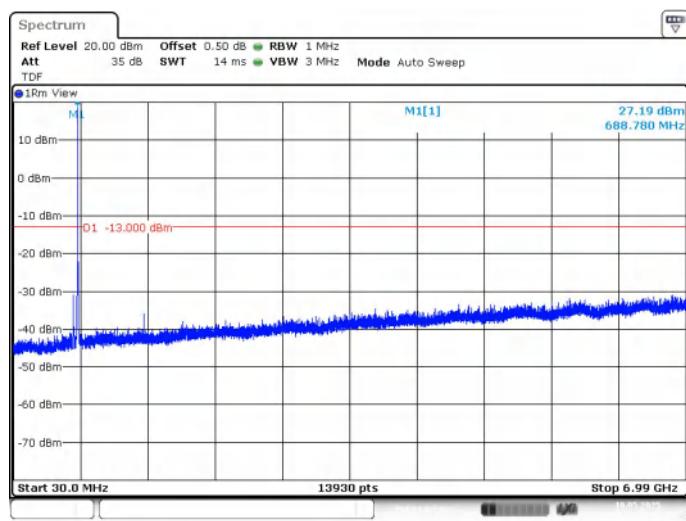
**NOTE: peak above the limit line is the carrier frequency.**



Date: 19.MAY.2025 11:11:21

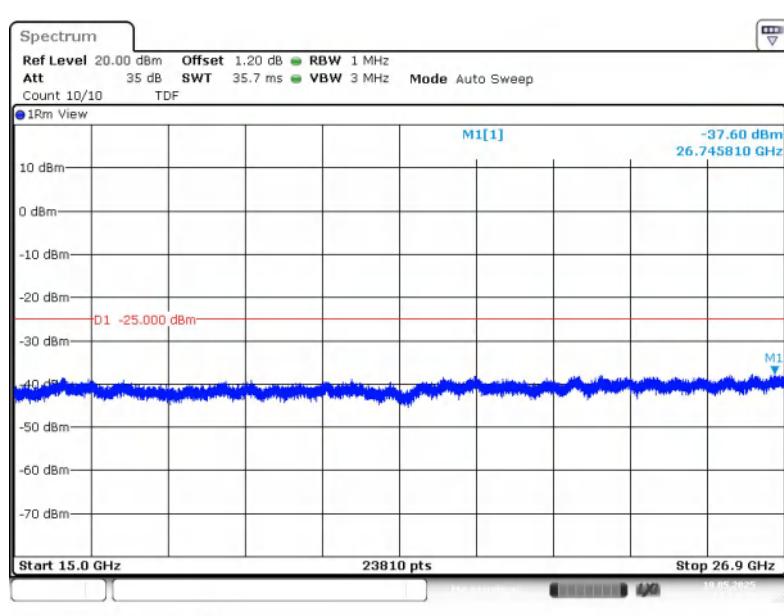
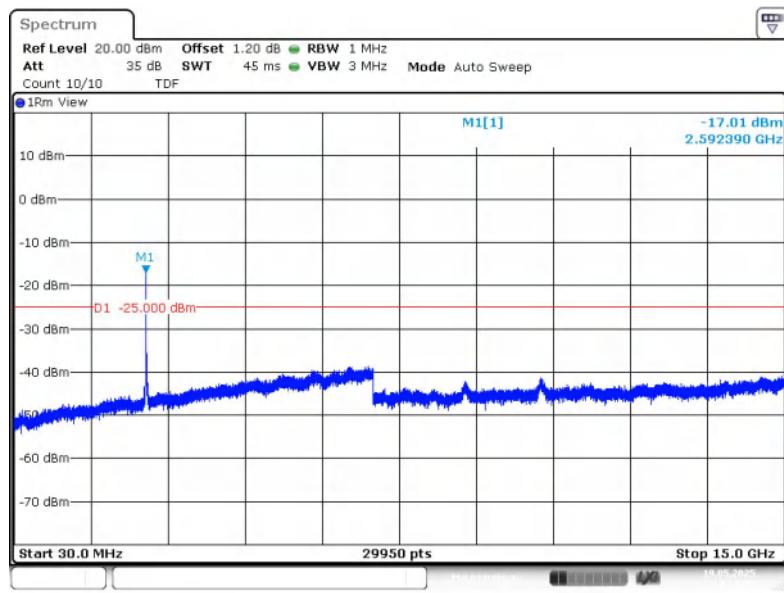


Date: 19.MAY.2025 11:12:00

**LTE band 71****NOTE: peak above the limit line is the carrier frequency.**

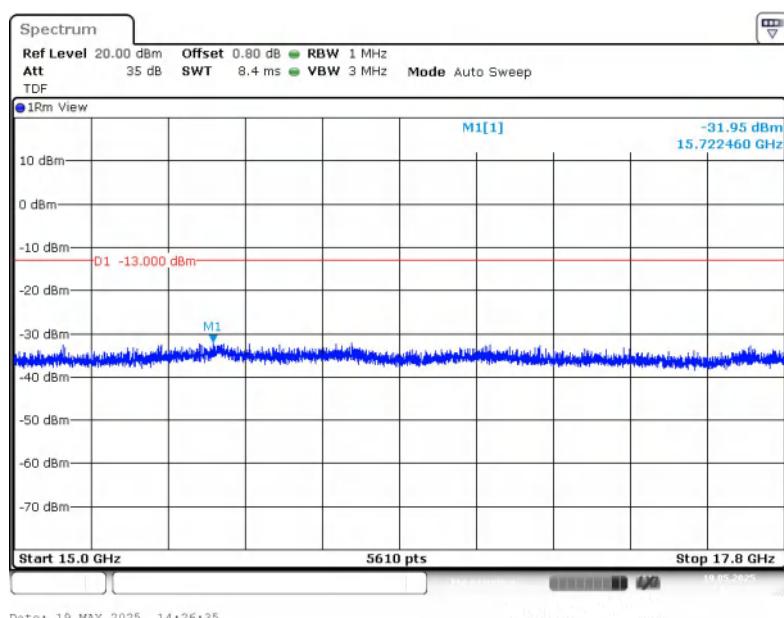
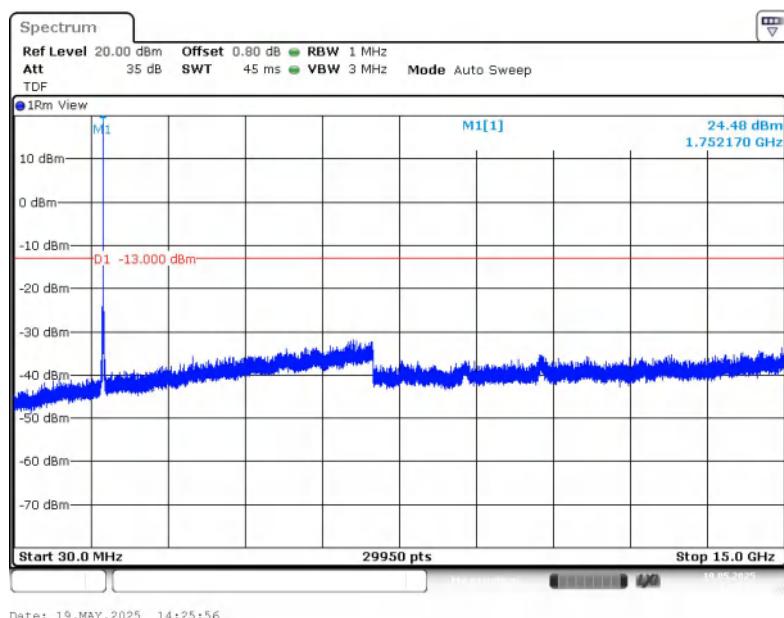
## LTE CA band 41C

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



## LTE CA band 66C

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



### A.8 Peak-to-Average Power Ratio

The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB

- a) Refer to instrument's analyzer instruction manual for details on how to use the power statistics/CCDF function;
- b) Set resolution/measurement bandwidth  $\geq$  signal's occupied bandwidth;
- c) Set the number of counts to a value that stabilizes the measured CCDF curve;
- d) Record the maximum PAPR level associated with a probability of 0.1%.

#### **Measurement results**

##### **LTE Band 7, 20MHz**

Frequency (MHz)	PAPR (dB)			
	QPSK	16QAM	64QAM	256QAM
2535	5.36	6.17	6.52	6.90

##### **LTE Band 12, 10MHz**

Frequency (MHz)	PAPR (dB)			
	QPSK	16QAM	64QAM	256QAM
707.5	5.19	5.97	6.49	6.90

##### **LTE Band 13, 10MHz**

Frequency (MHz)	PAPR (dB)			
	QPSK	16QAM	64QAM	256QAM
782	5.10	5.86	6.41	6.75

##### **LTE Band 25, 20MHz**

Frequency (MHz)	PAPR (dB)			
	QPSK	16QAM	64QAM	256QAM
1882.5	5.39	6.23	6.72	7.13

##### **LTE Band 30, 10MHz**

Frequency (MHz)	PAPR (dB)			
	QPSK	16QAM	64QAM	256QAM
2310	4.96	5.80	6.41	6.87

##### **LTE Band 41, 20MHz**

Frequency (MHz)	PAPR (dB)			
	QPSK	16QAM	64QAM	256QAM
2593	4.52	5.45	6.14	6.67

**LTE Band 48, 20MHz**

Frequency (MHz)	PAPR (dB)			
	QPSK	16QAM	64QAM	256QAM
3625	5.36	6.20	6.78	6.70

**LTE Band 66, 20MHz**

Frequency (MHz)	PAPR (dB)			
	QPSK	16QAM	64QAM	256QAM
1745	4.96	5.83	6.29	6.87

**LTE Band 71, 20MHz**

Frequency (MHz)	PAPR (dB)			
	QPSK	16QAM	64QAM	256QAM
683	5.42	6.20	6.55	6.72

**LTE CA band 41C, 20MHz+20MHz**

Frequency (MHz)	PAPR (dB)			
	QPSK	16QAM	64QAM	256QAM
2593.0	6.14	6.90	6.93	7.42

**LTE CA band 66C, 20MHz+20MHz**

Frequency (MHz)	PAPR (dB)			
	QPSK	16QAM	64QAM	256QAM
1755.0	6.26	6.99	7.04	7.48