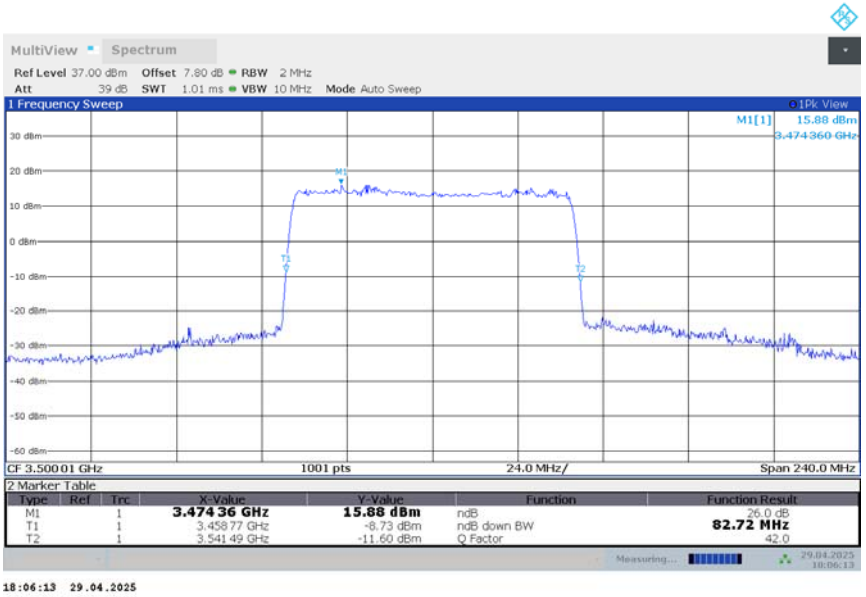
n78L-MIMO

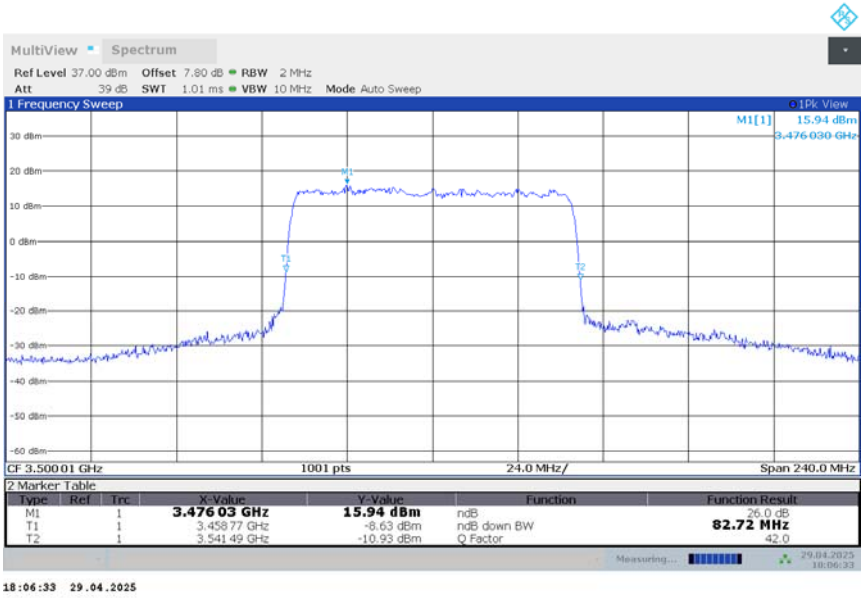
n78L-MIMO,80MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	CP-QPSK	CP-16QAM
3500.01	82.720	82.720

n78L,80MHz Bandwidth,CP-QPSK (-26dBc BW)



n78L,80MHz Bandwidth,CP-16QAM (-26dBc BW)



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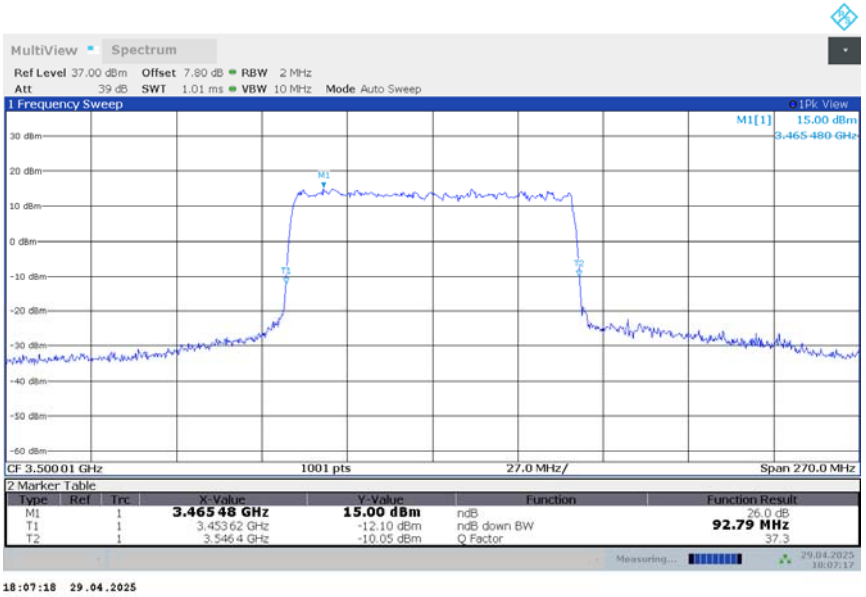
n78L-MIMO

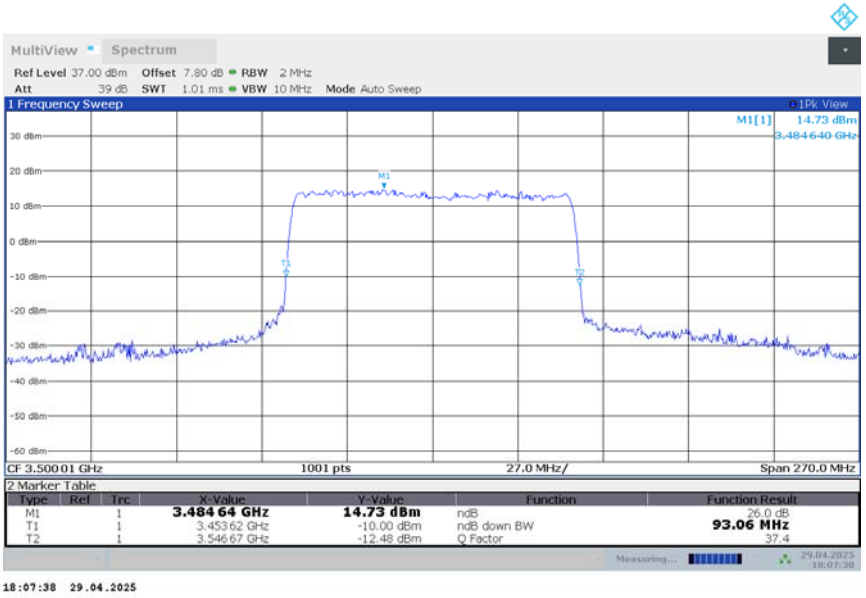
n78L-MIMO,90MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	CP-QPSK	CP-16QAM
3500.01	92.790	93.060

n78L,90MHz Bandwidth,CP-QPSK (-26dBc BW)



n78L,90MHz Bandwidth,CP-16QAM (-26dBc BW)



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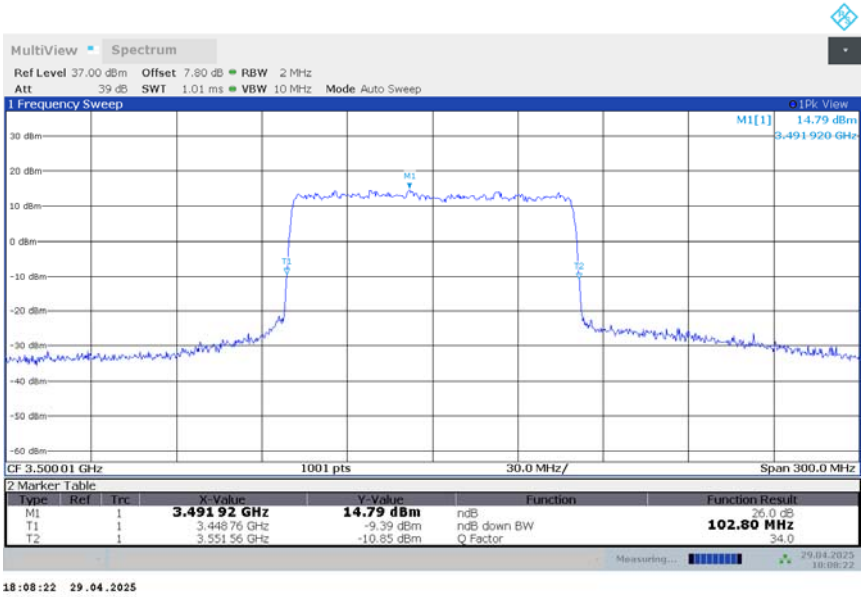
n78L-MIMO

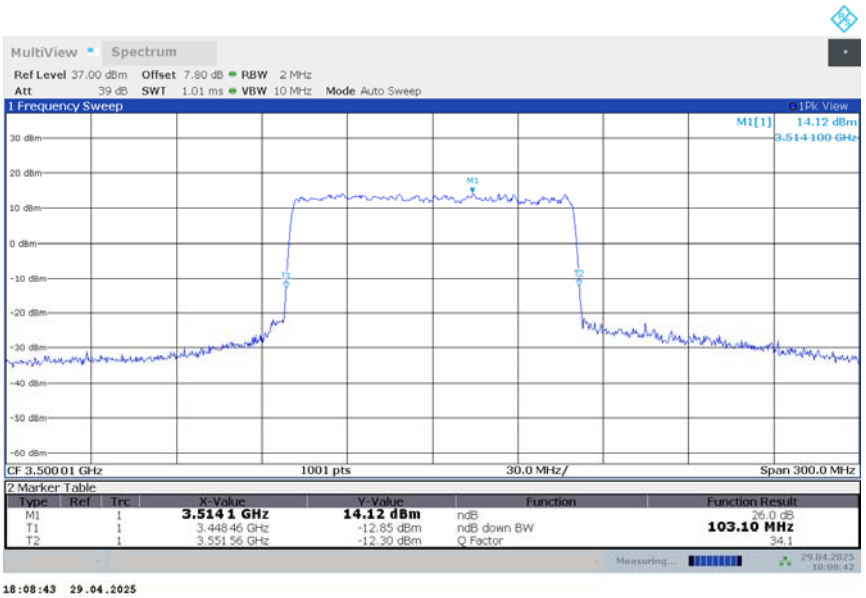
n78L-MIMO,100MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	CP-QPSK	CP-16QAM
3500.01	102.800	103.100

n78L,100MHz Bandwidth,CP-QPSK (-26dBc BW)



n78L,100MHz Bandwidth,CP-16QAM (-26dBc BW)



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A.6 Band Edge Compliance

A.6.1 Measurement limit

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 that 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 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.

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. 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.

The spectrum analyzer readings are corrected by [10 log (1/duty cycle)] for the non-continuous transmitting scenario.

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A.6.2 Measurement result

NR n7

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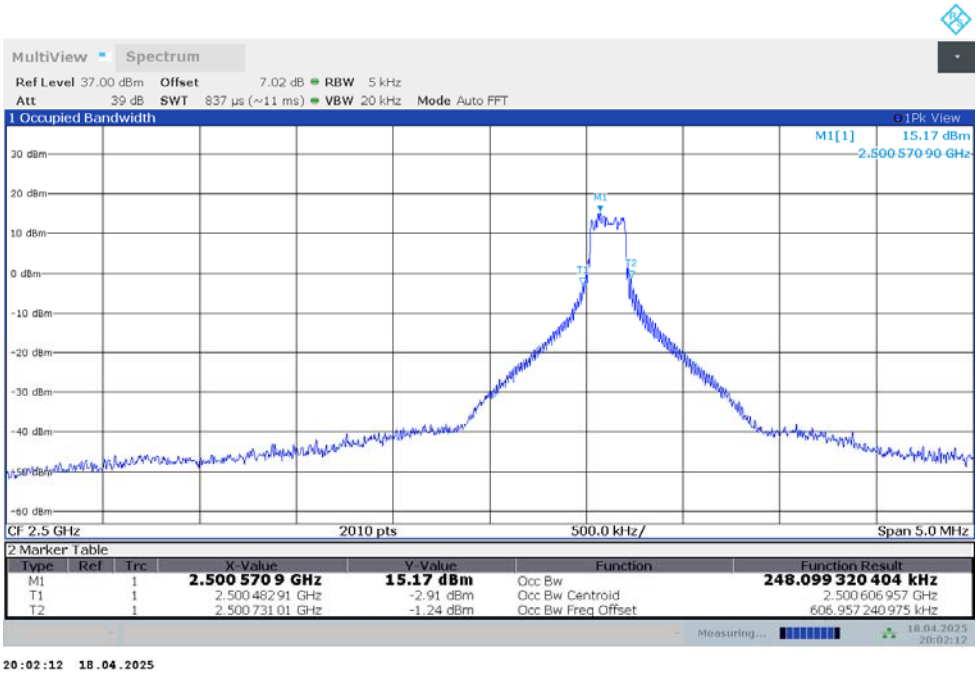

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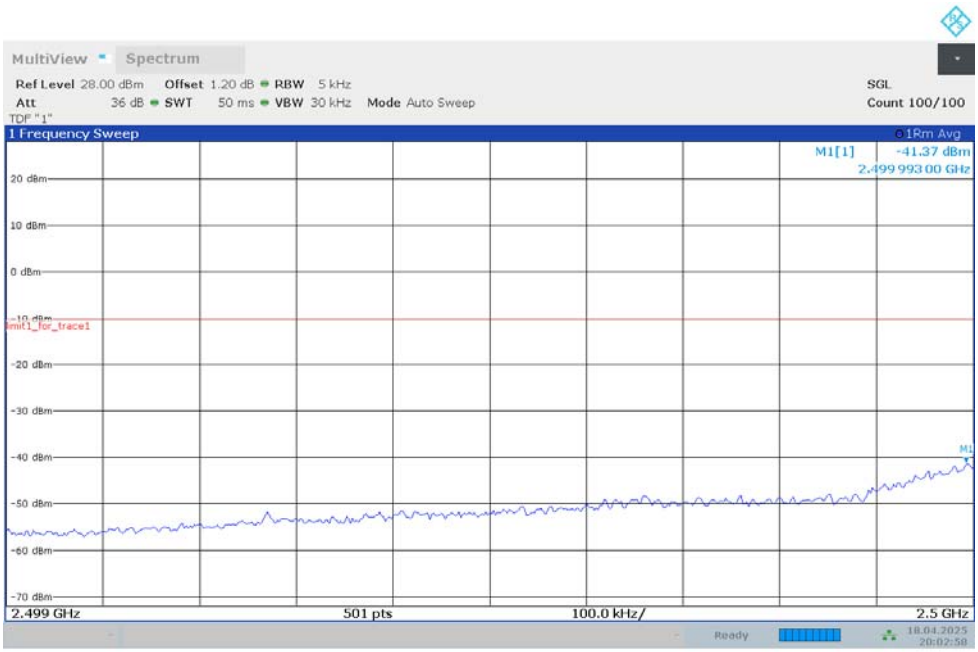

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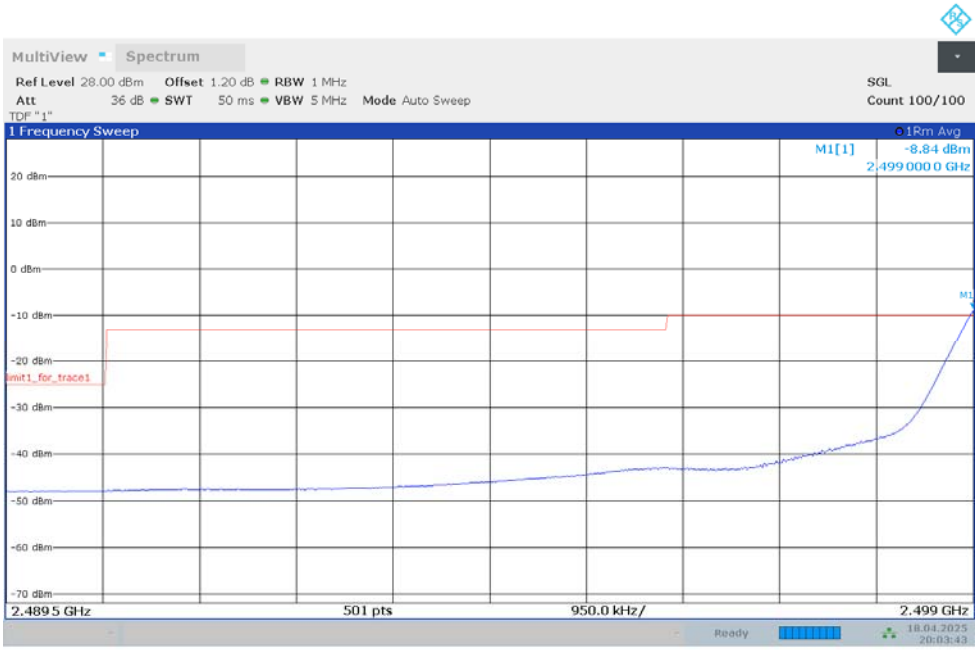

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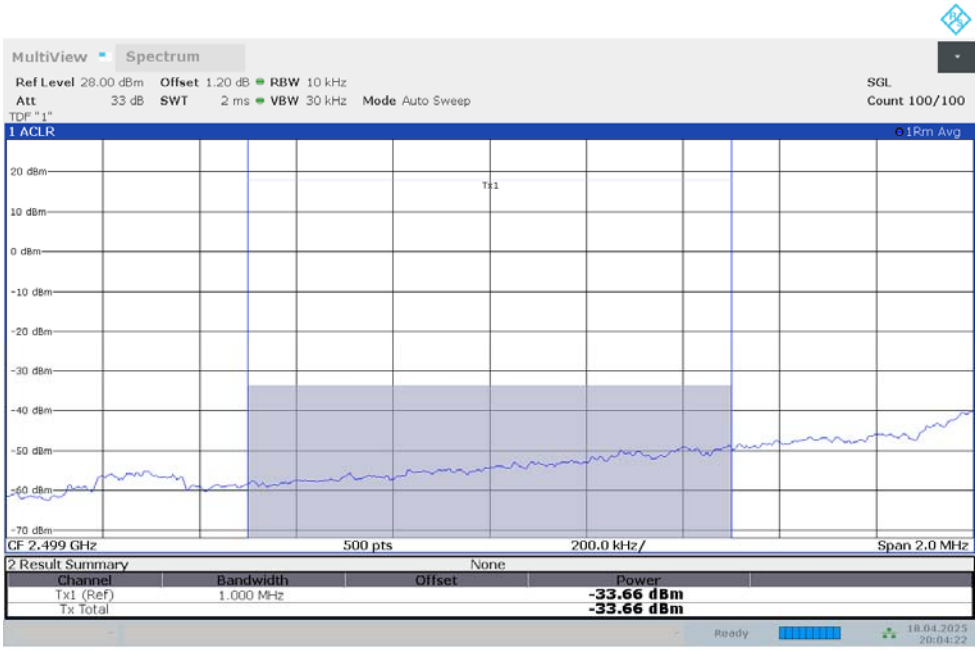

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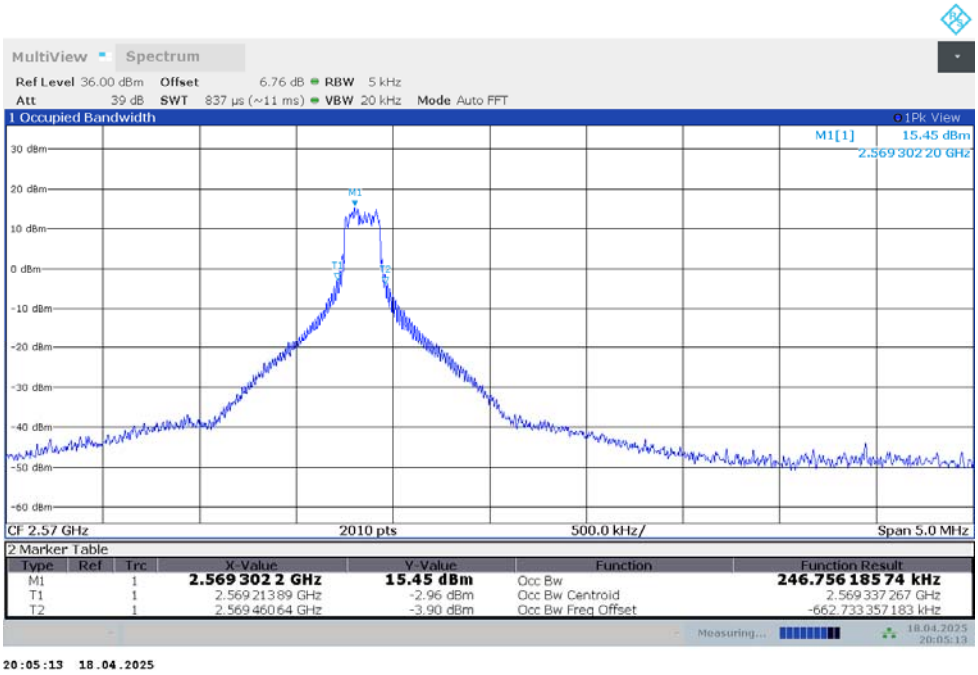

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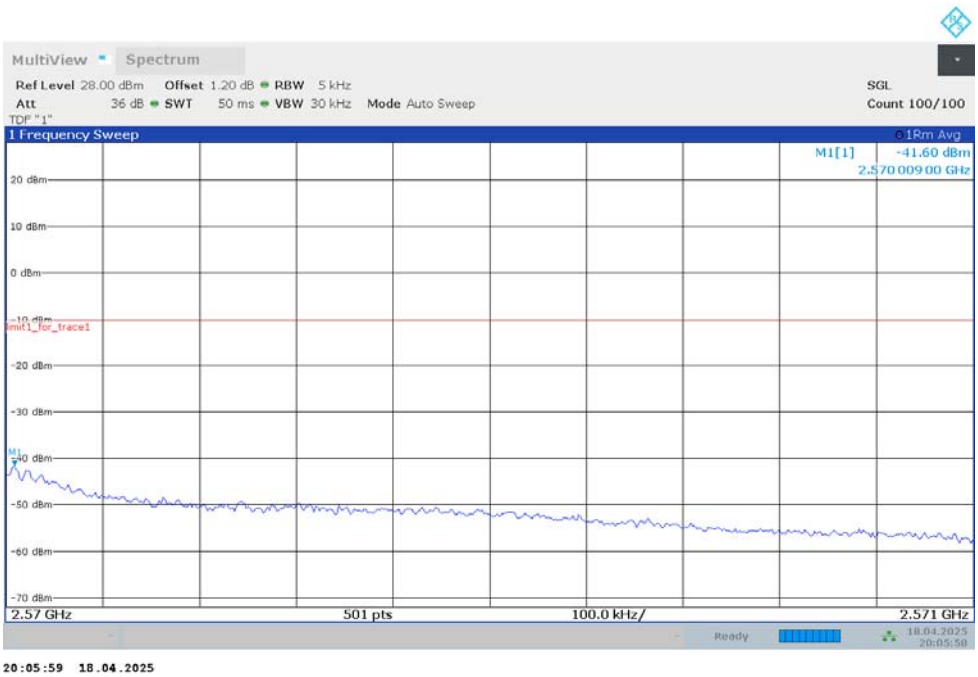

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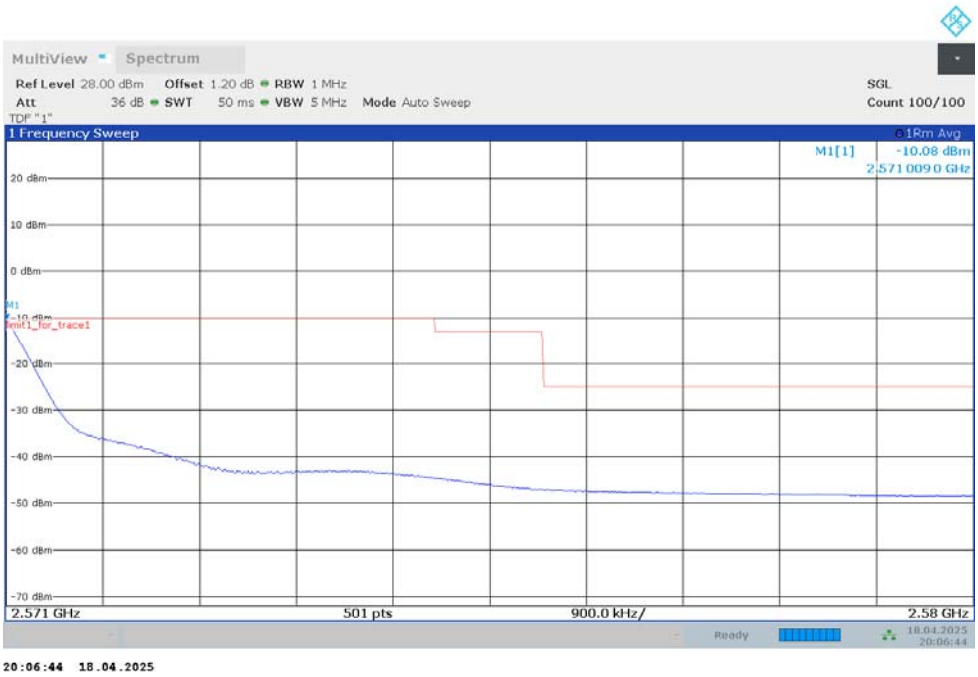

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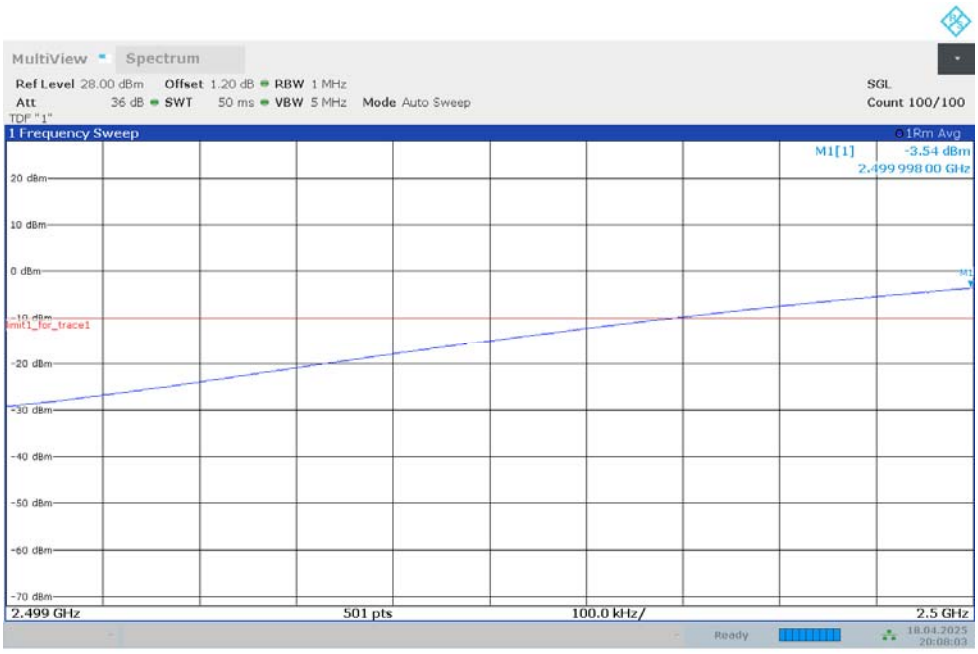
LOW BAND EDGE BLOCK-40MHz-100%RB



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Channel power

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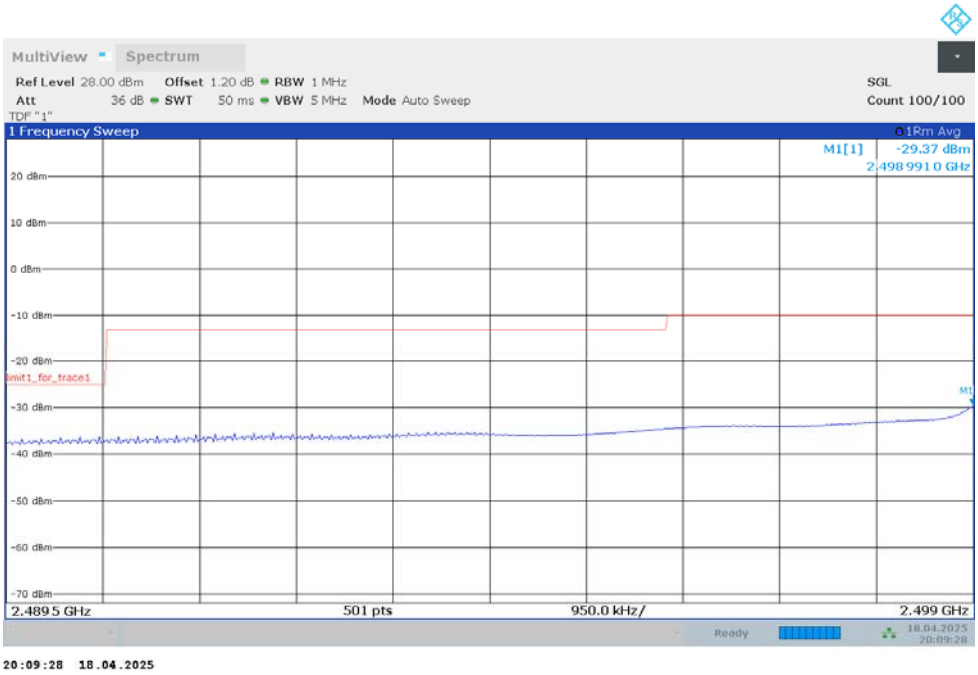
LOW BAND EDGE BLOCK-40MHz-100%RB



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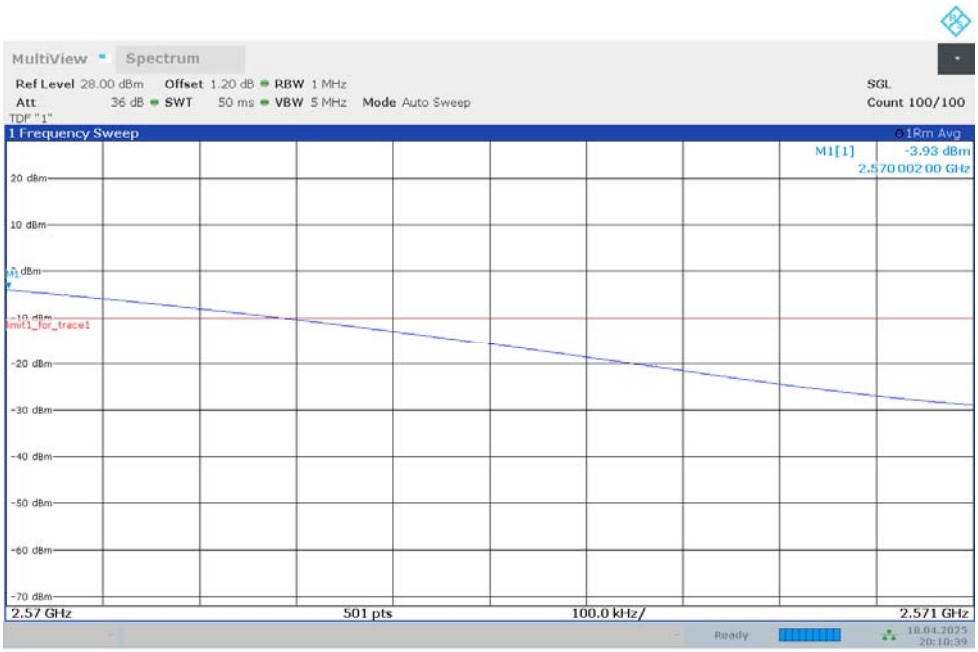
HIGH BAND EDGE BLOCK-40MHz-100%RB



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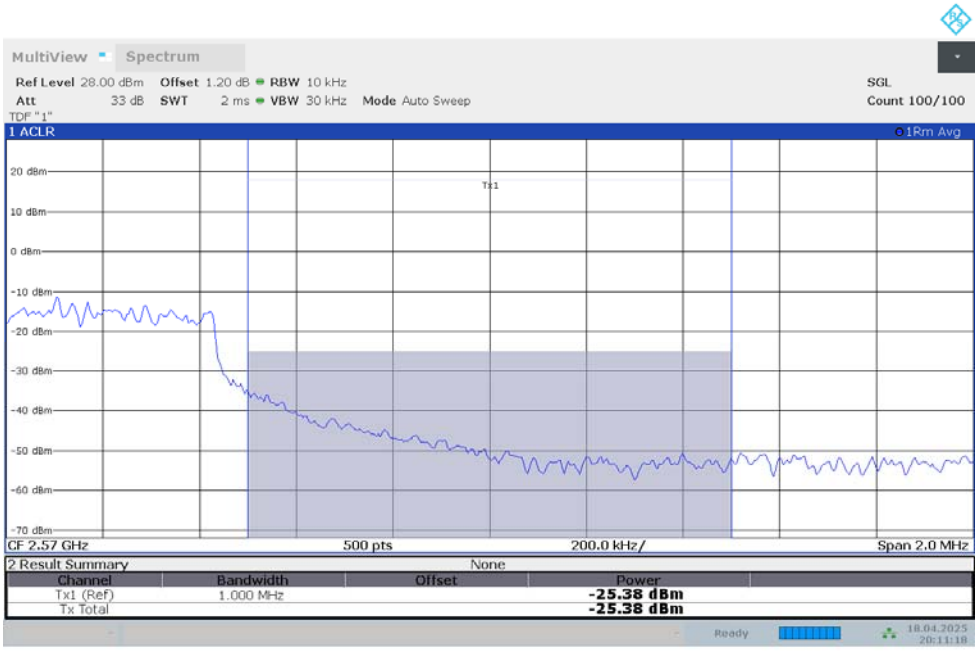

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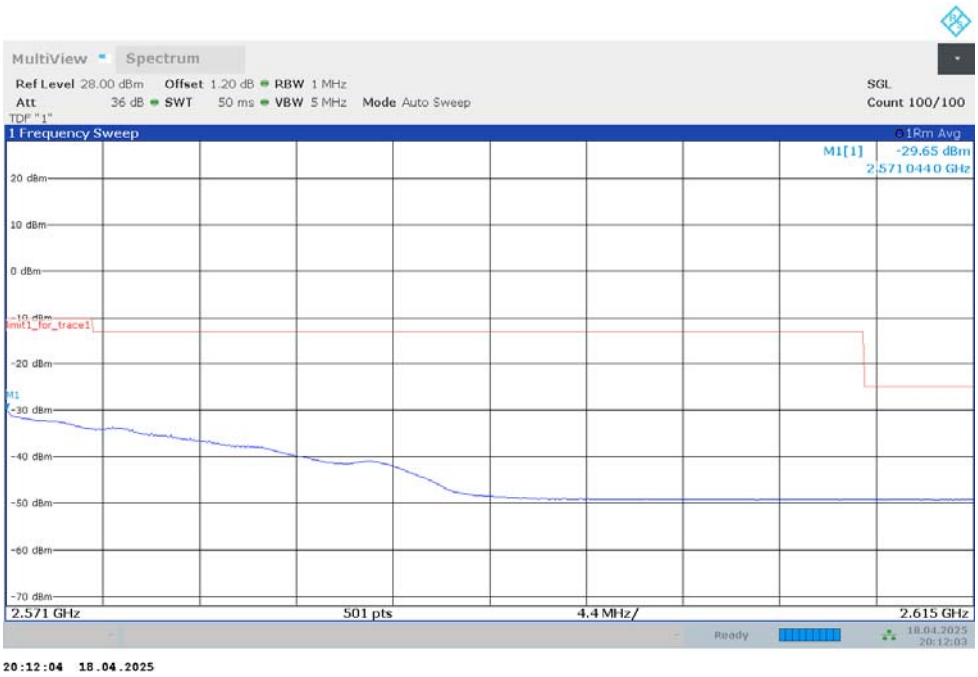
HIGH BAND EDGE BLOCK-40MHz-100%RB



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NR n25

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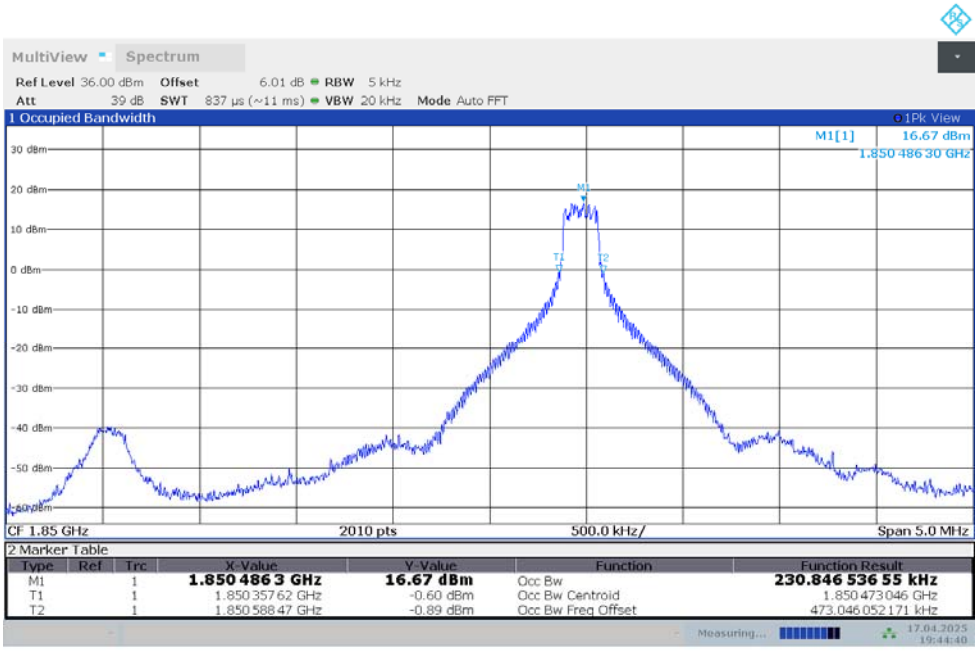

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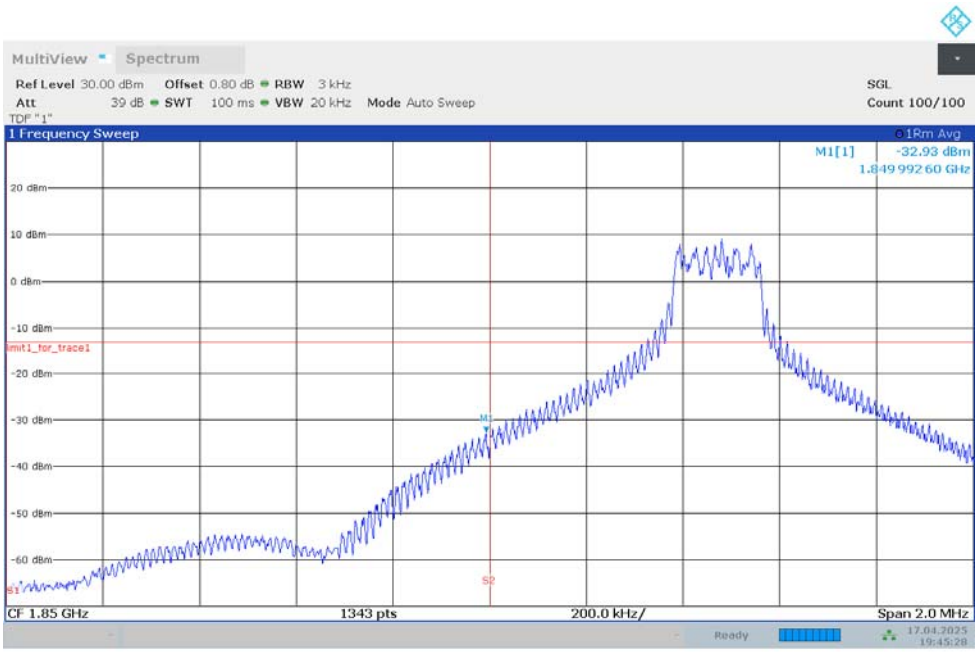

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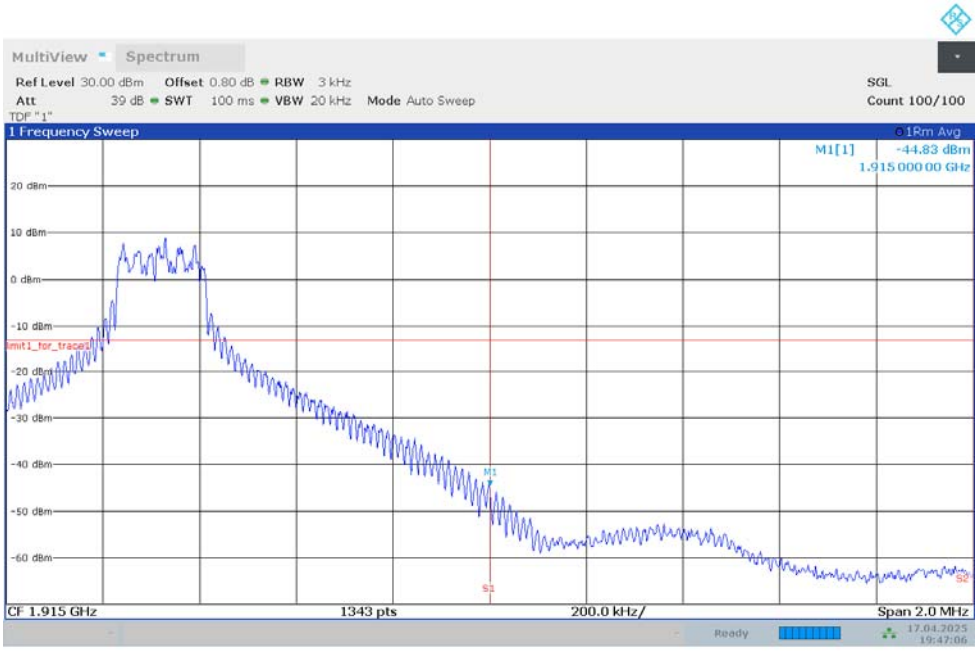

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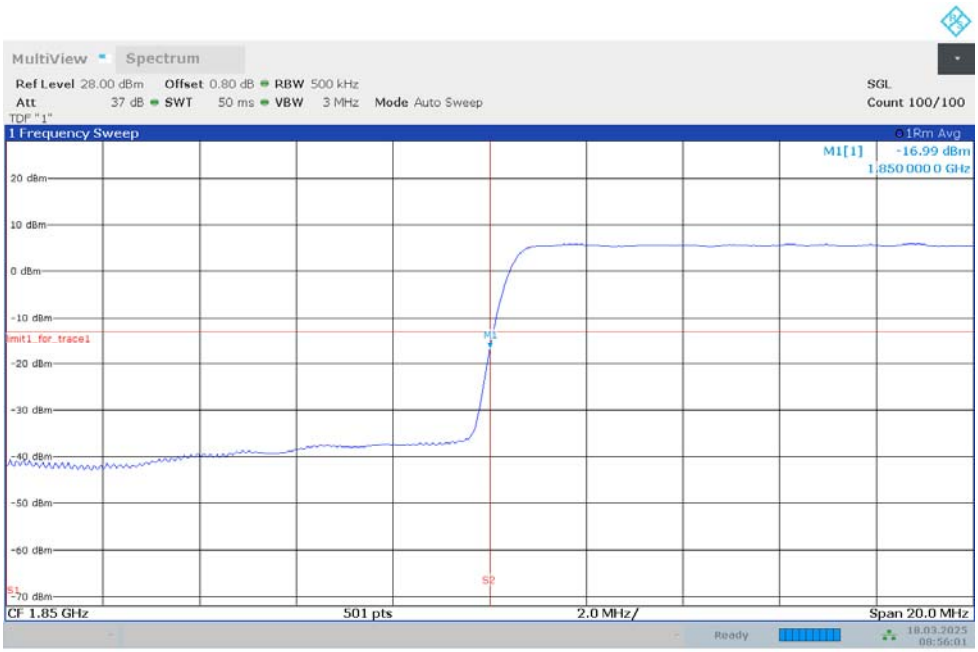
LOW BAND EDGE BLOCK-40MHz-100%RB



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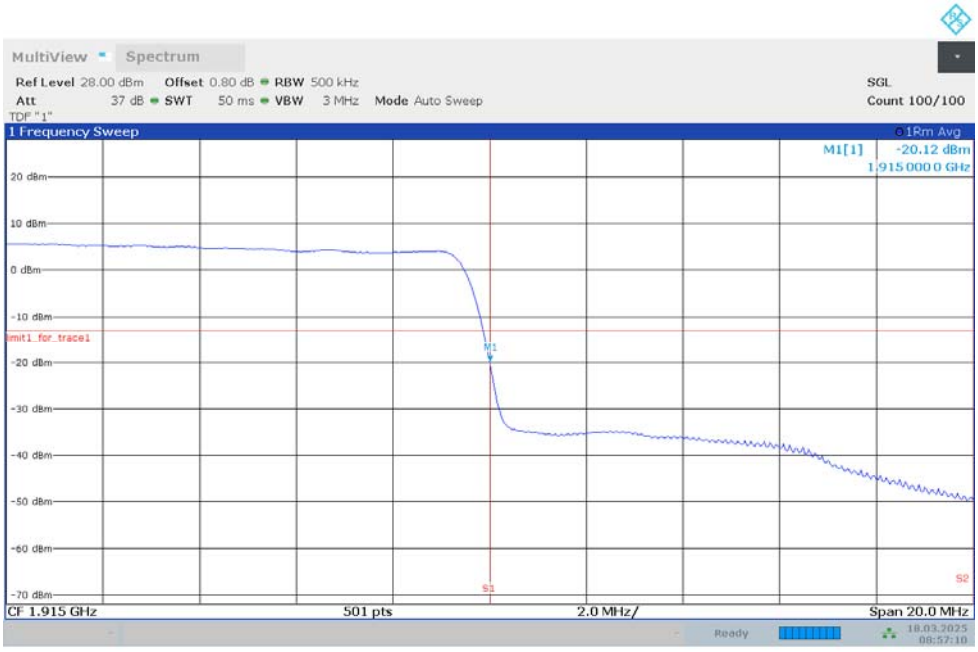

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NR n38

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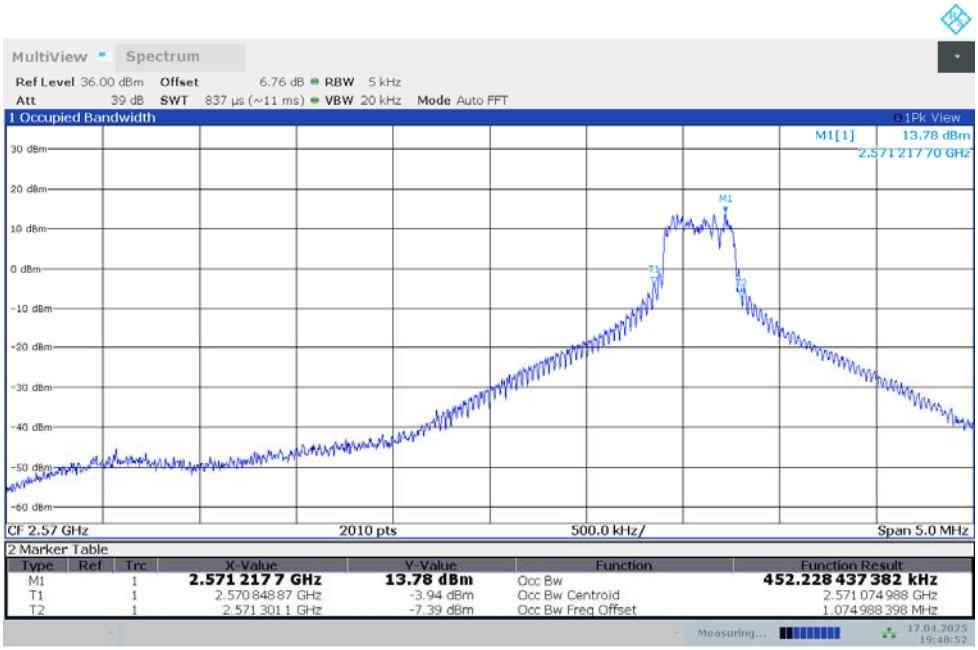

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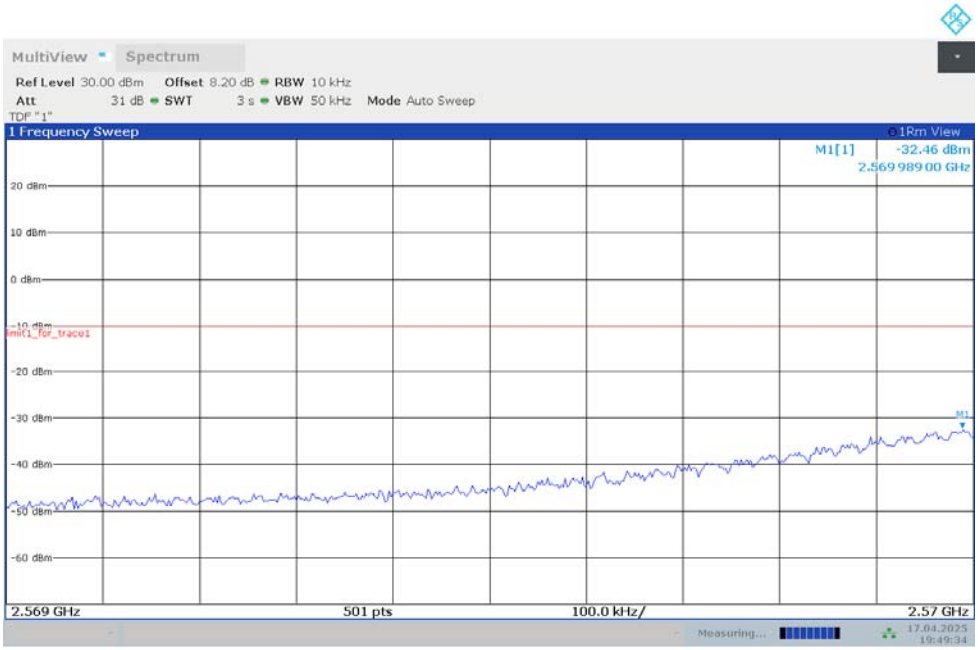

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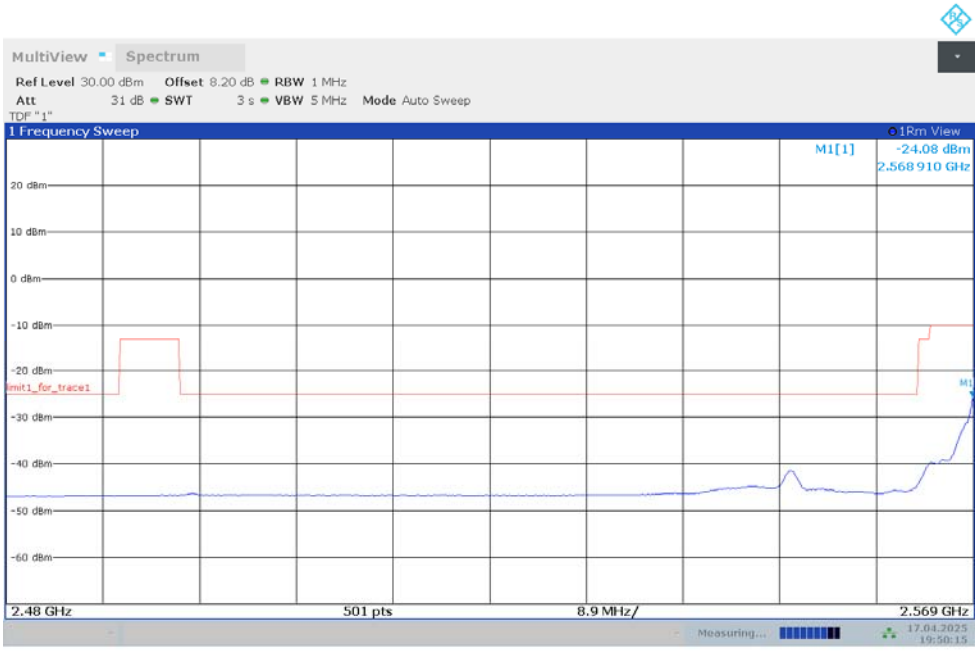

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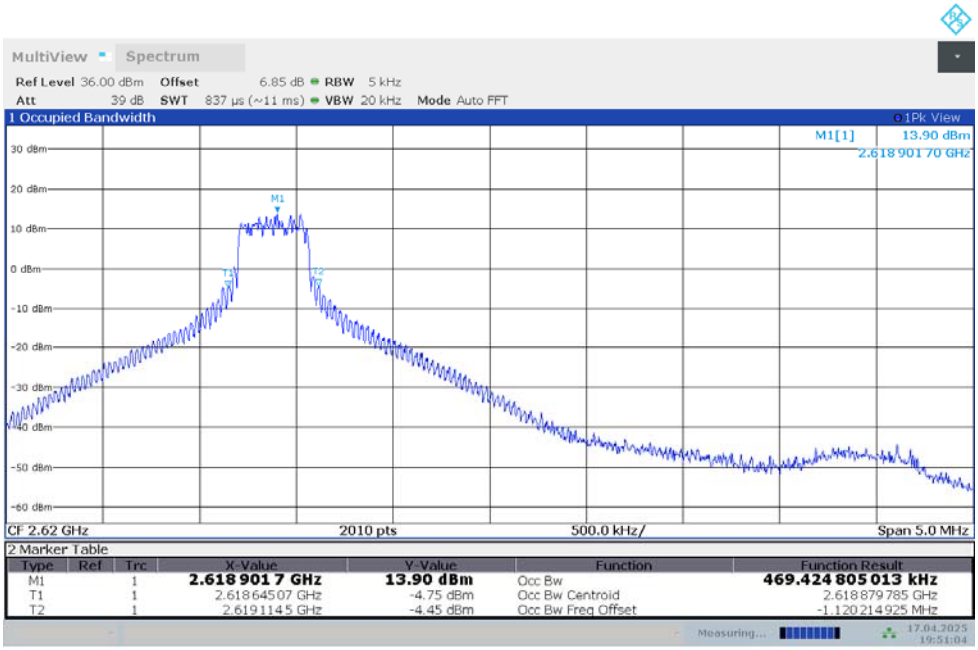

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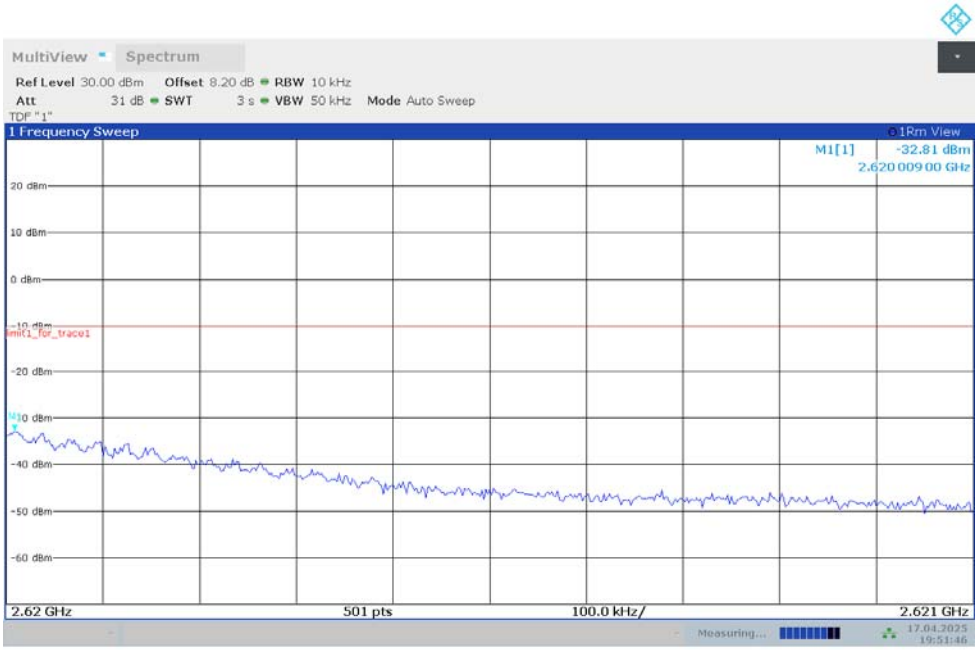

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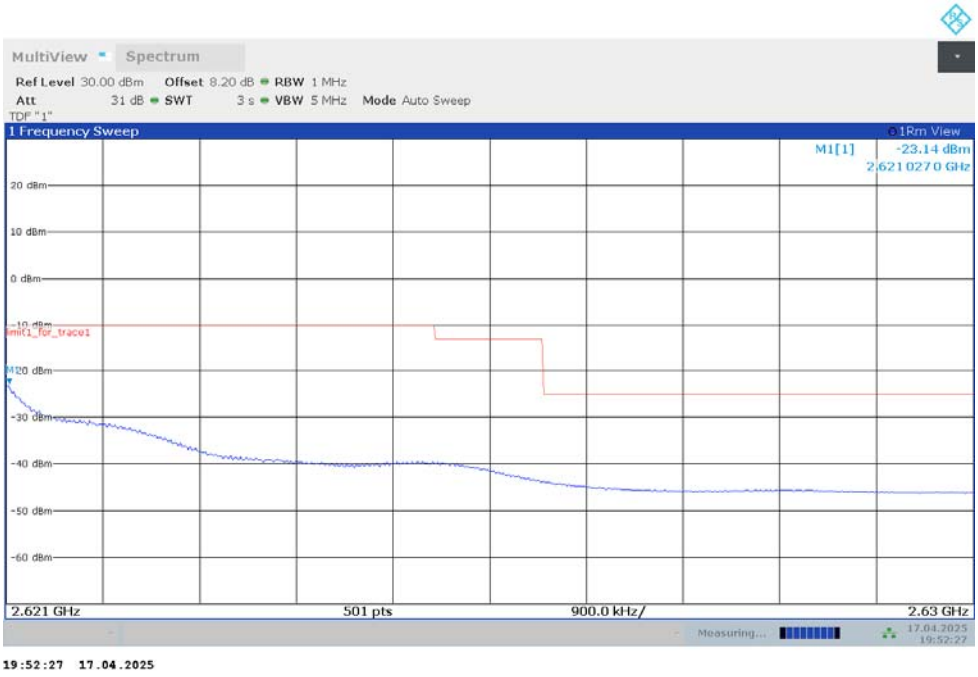

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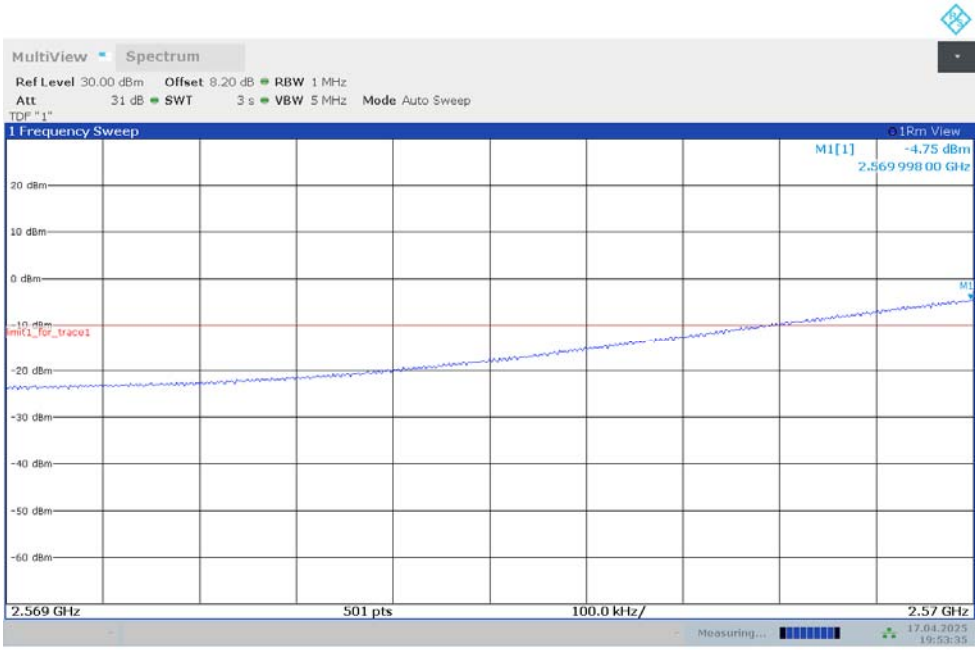
LOW BAND EDGE BLOCK-40MHz-100%RB



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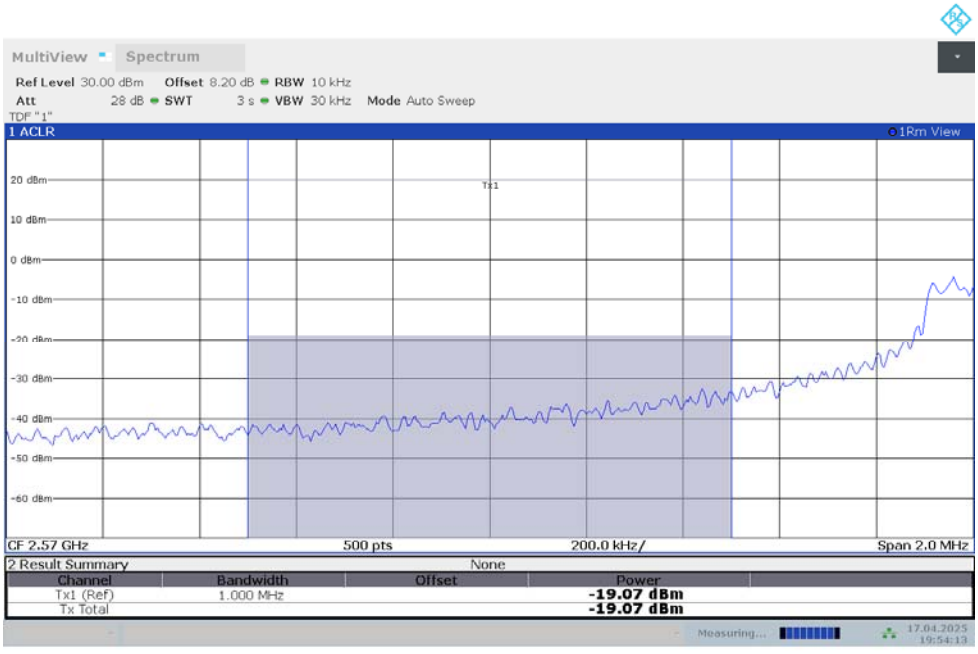
Channel power



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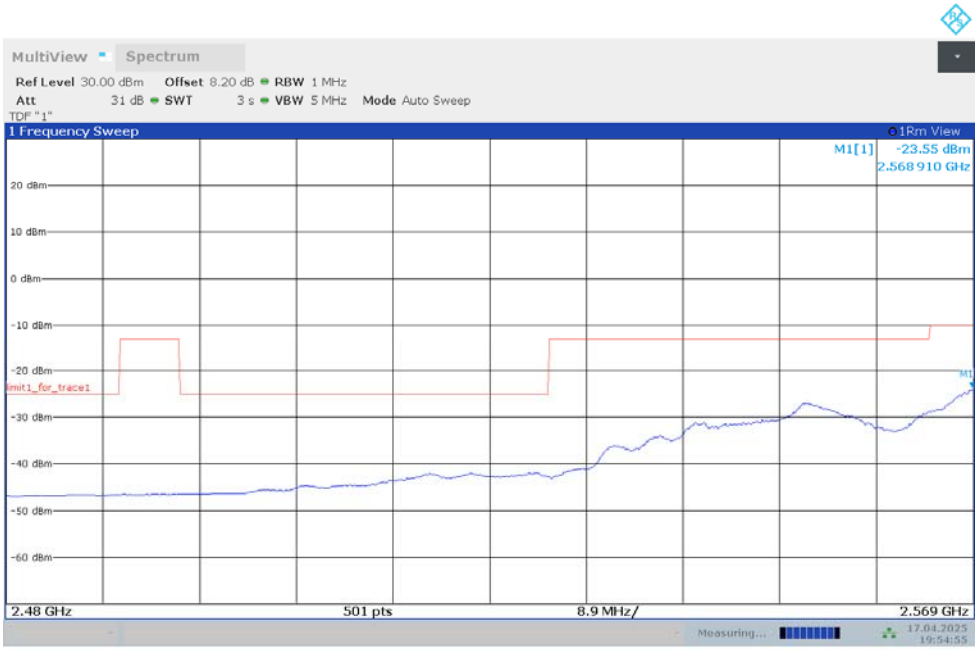
LOW BAND EDGE BLOCK-40MHz-100%RB



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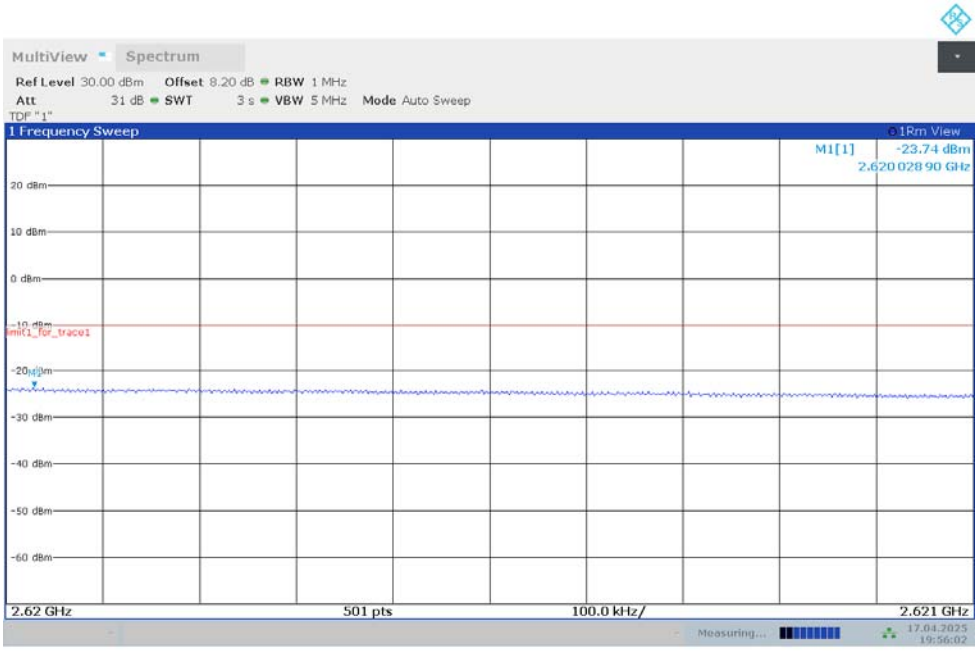
HIGH BAND EDGE BLOCK-40MHz-100%RB



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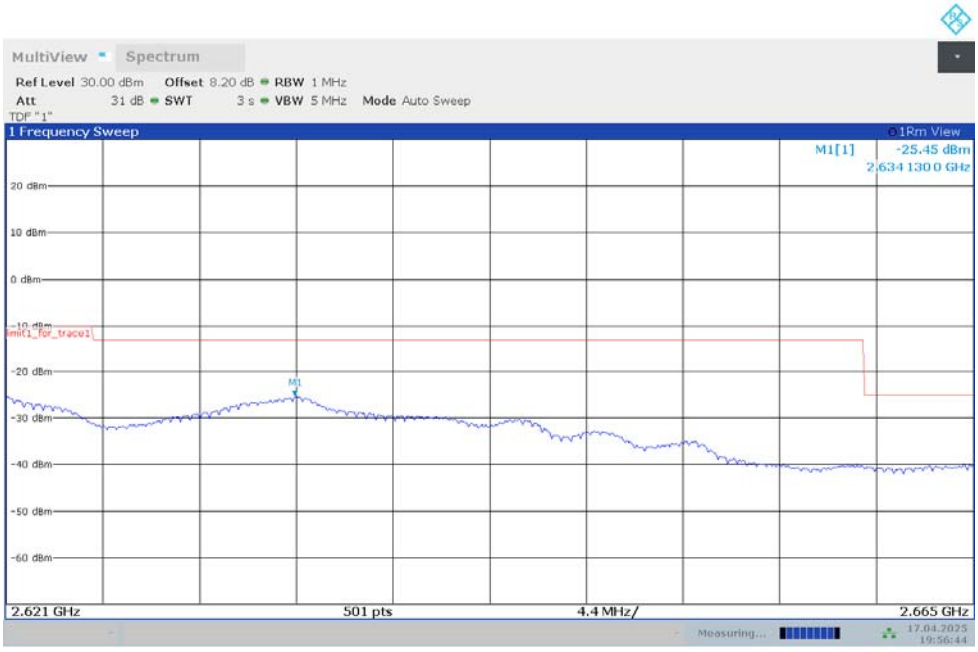

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NR n41

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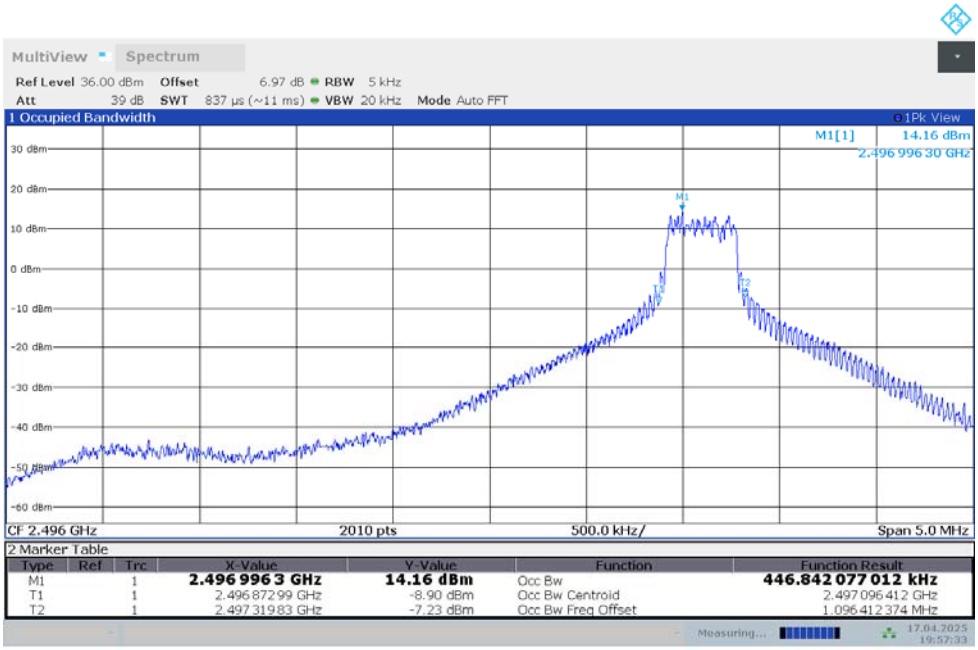

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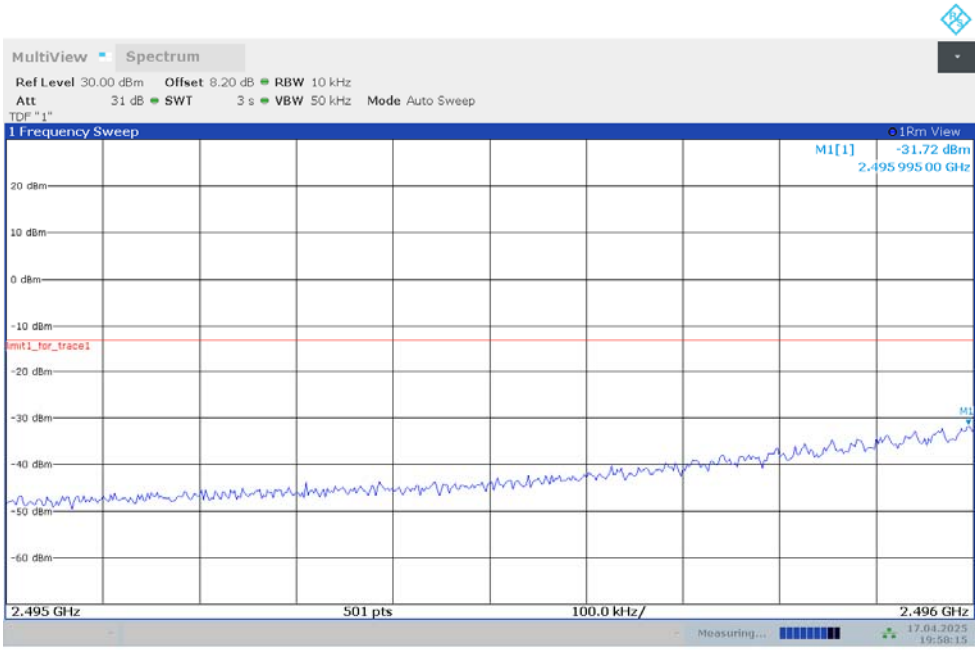

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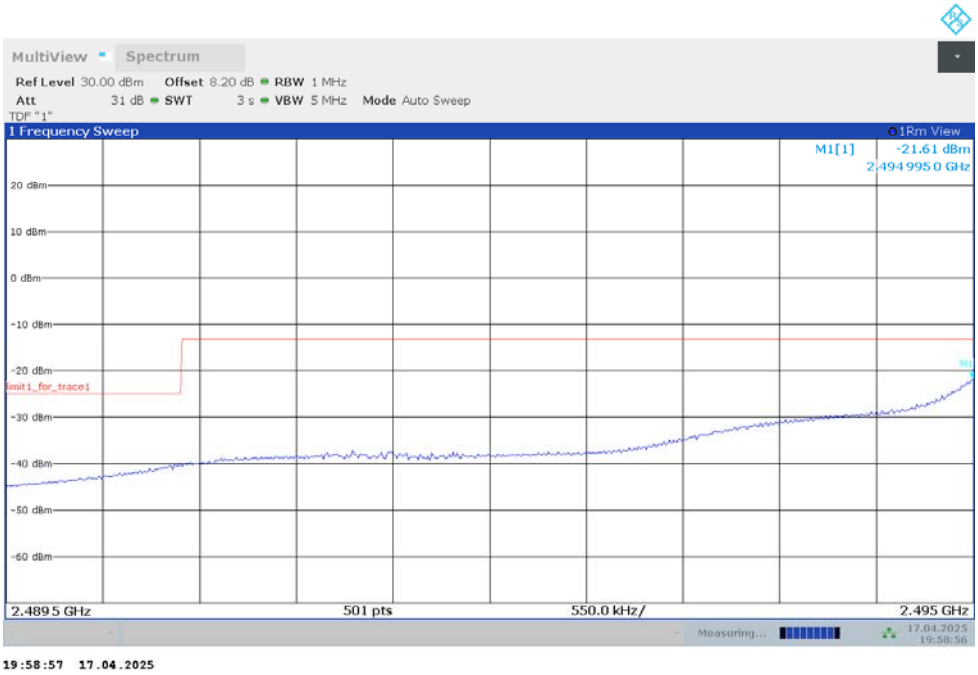

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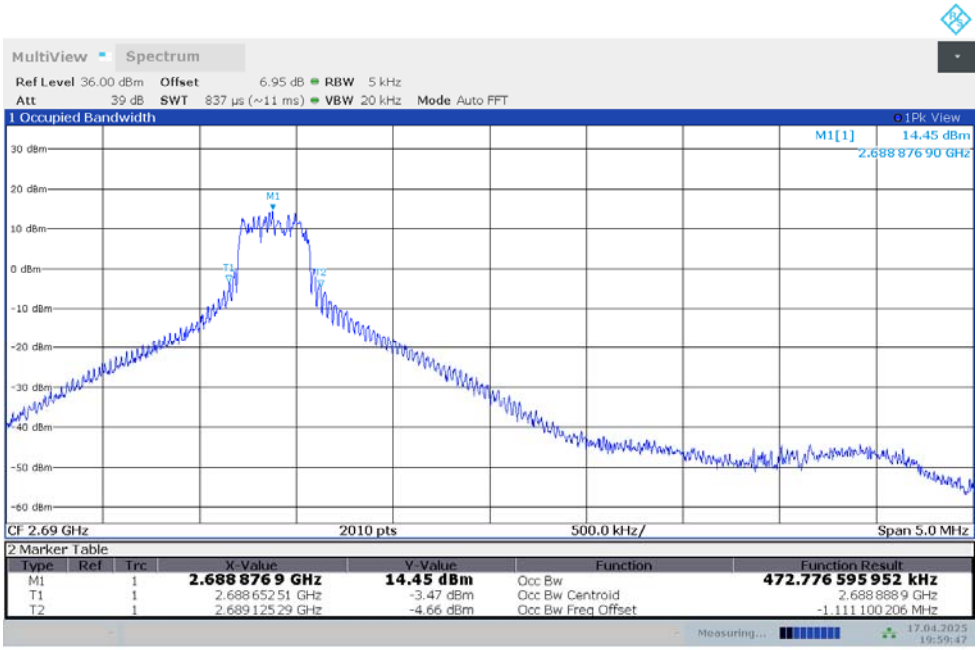

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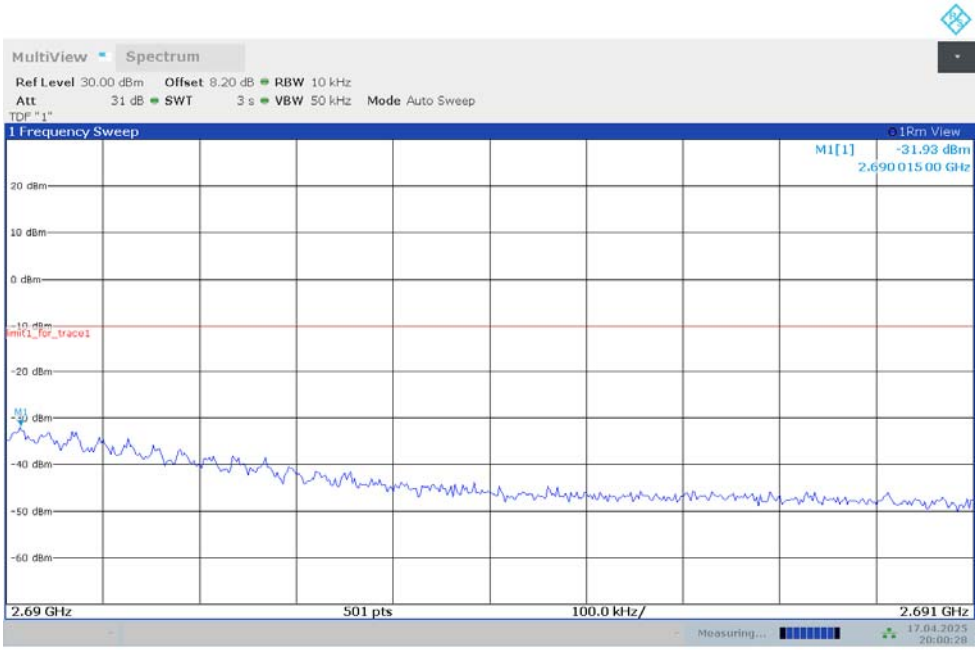

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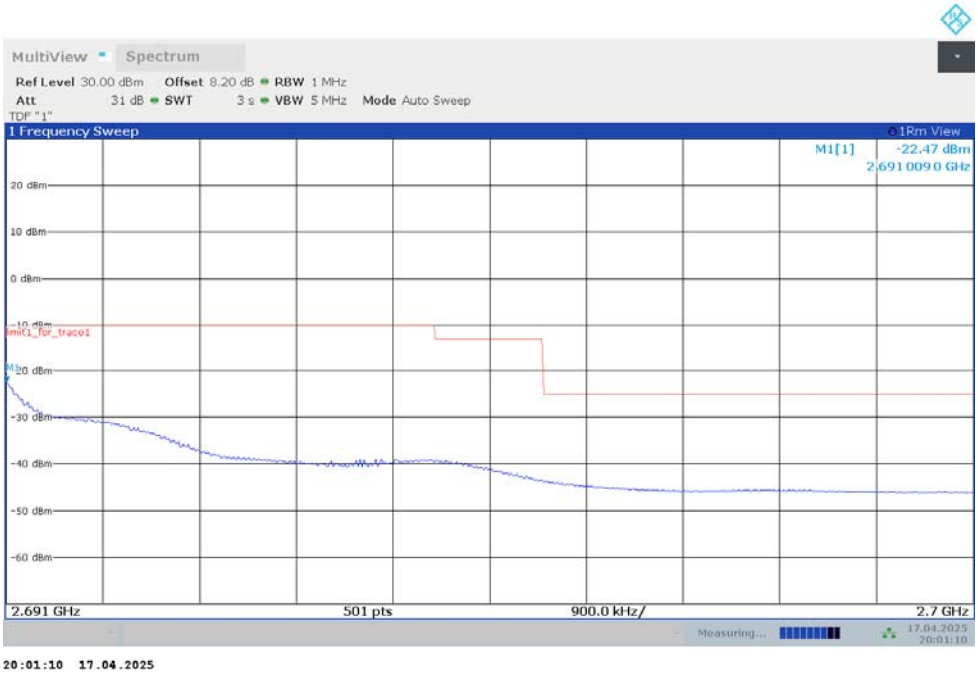

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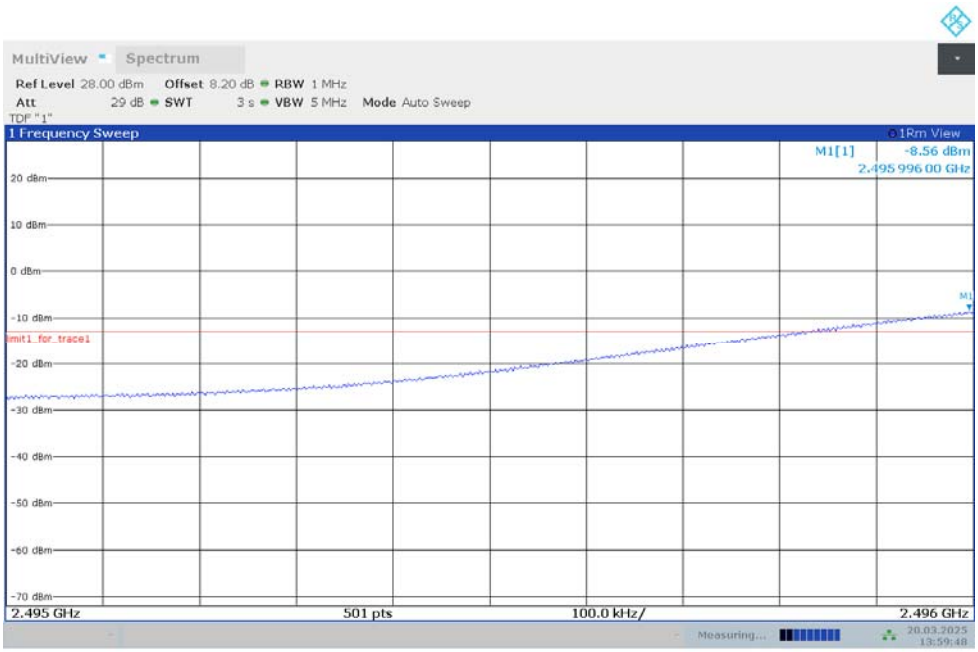
LOW BAND EDGE BLOCK-100MHz-100%RB



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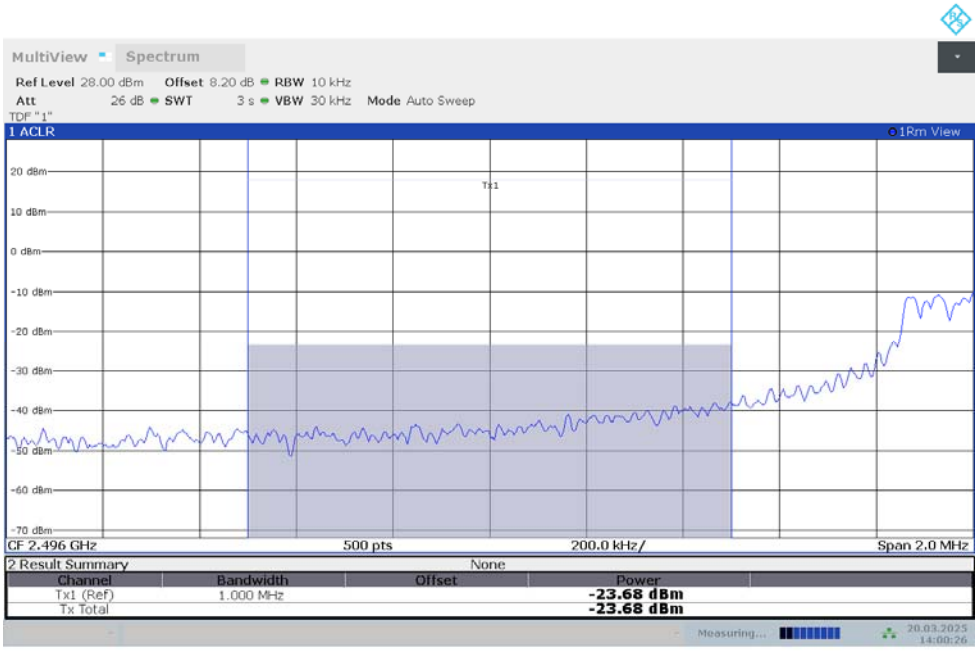
Channel power



14:00:26 20.03.2025

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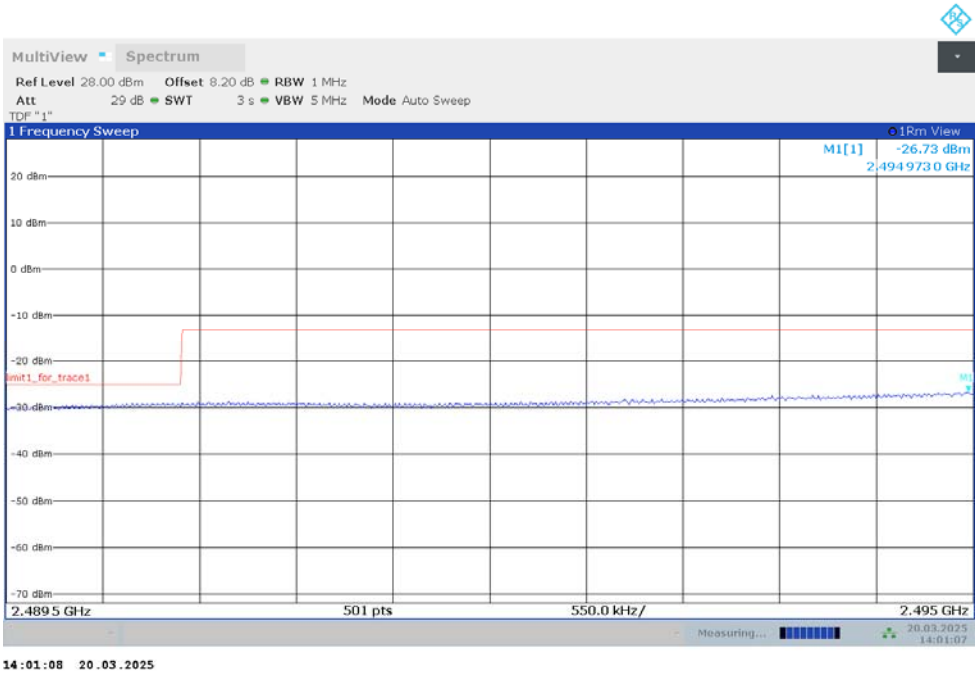
LOW BAND EDGE BLOCK-100MHz-100%RB



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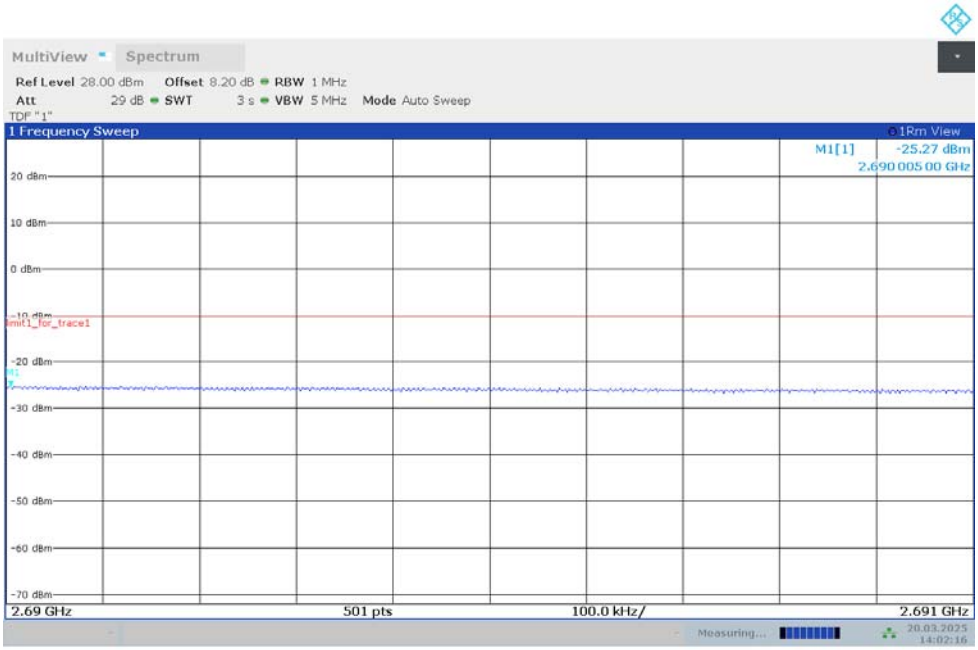
HIGH BAND EDGE BLOCK-100MHz-100%RB



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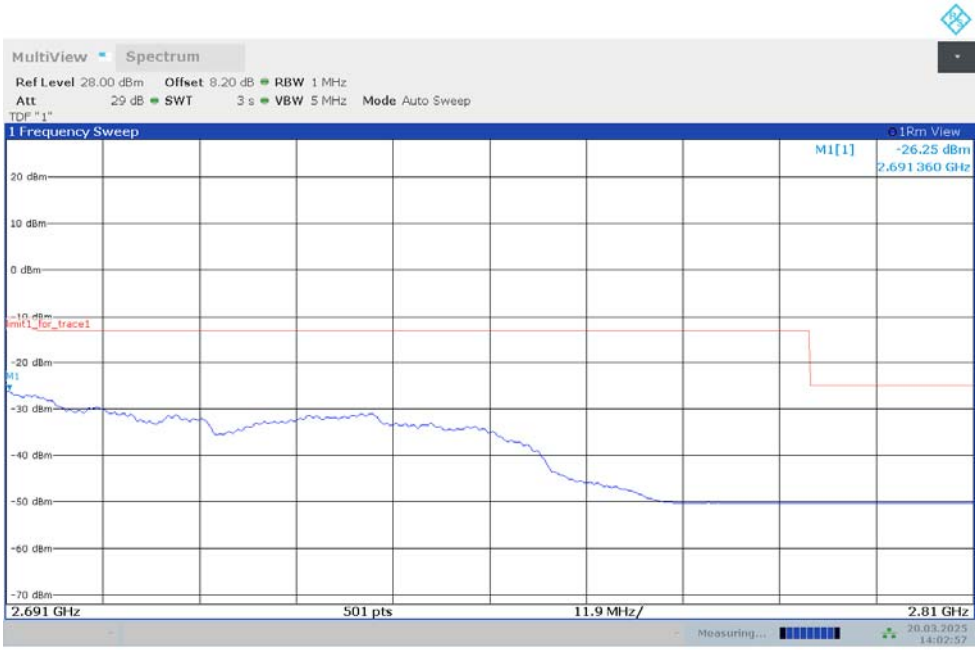
HIGH BAND EDGE BLOCK-100MHz-100%RB



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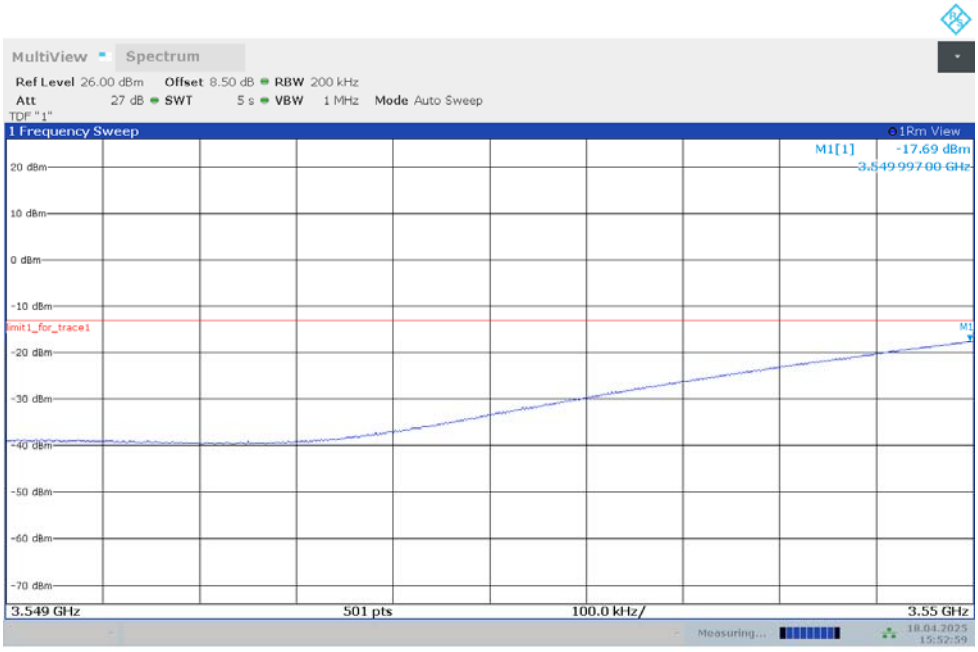
NR n48

LOW BAND EDGE BLOCK-1RB-LOW_offset



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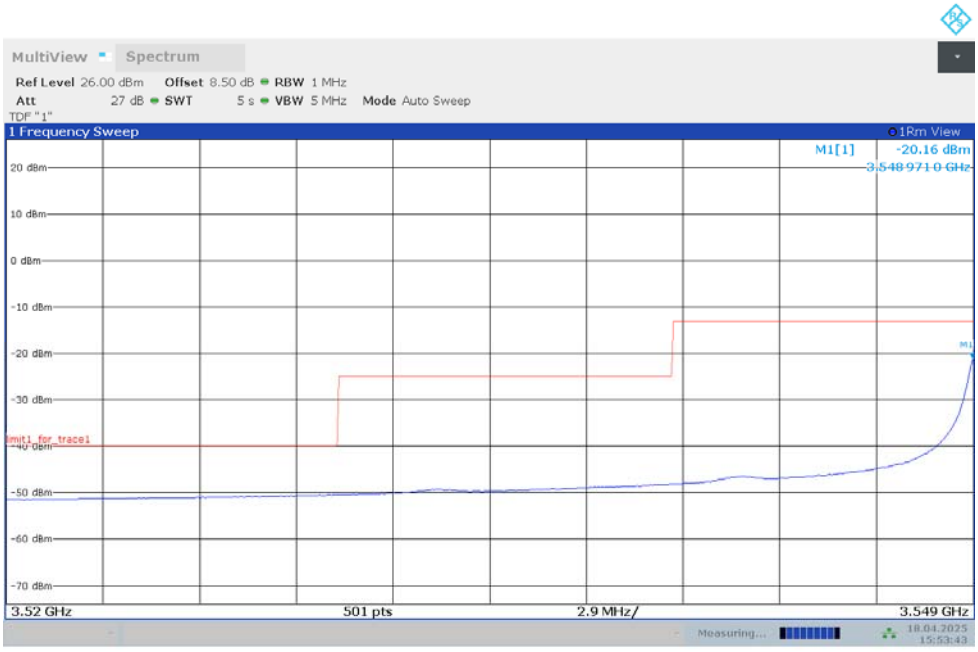
LOW BAND EDGE BLOCK-1RB-LOW_offset



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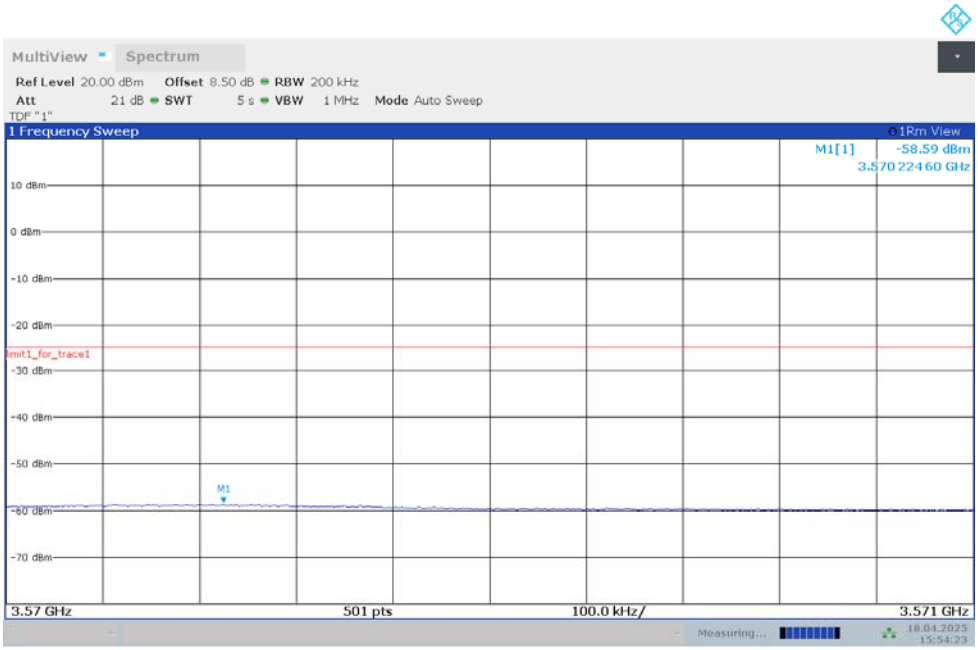
LOW BAND EDGE BLOCK-1RB-LOW_offset



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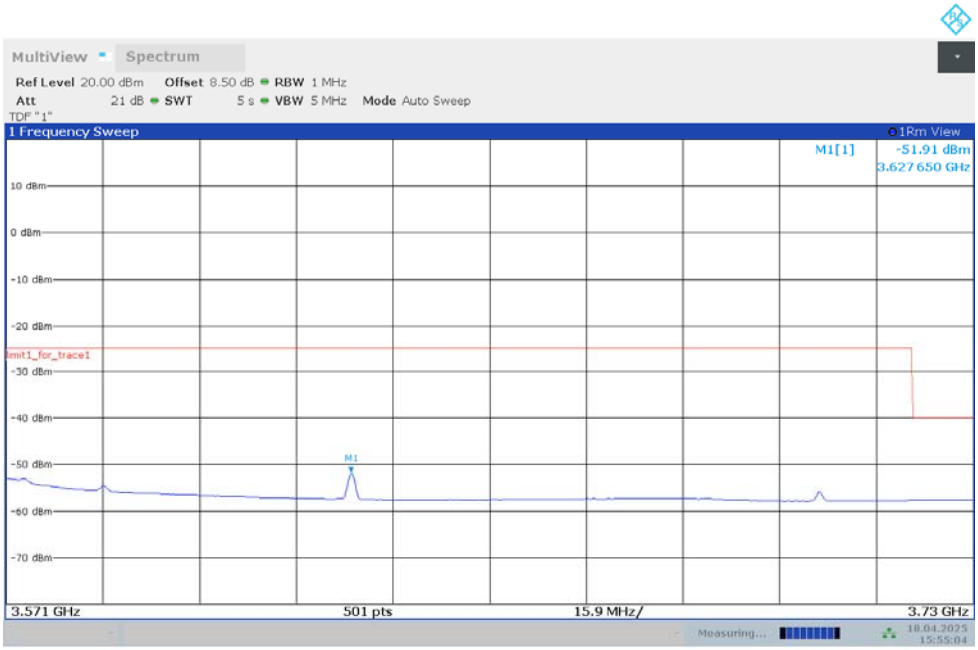
LOW BAND EDGE BLOCK-1RB-LOW_offset



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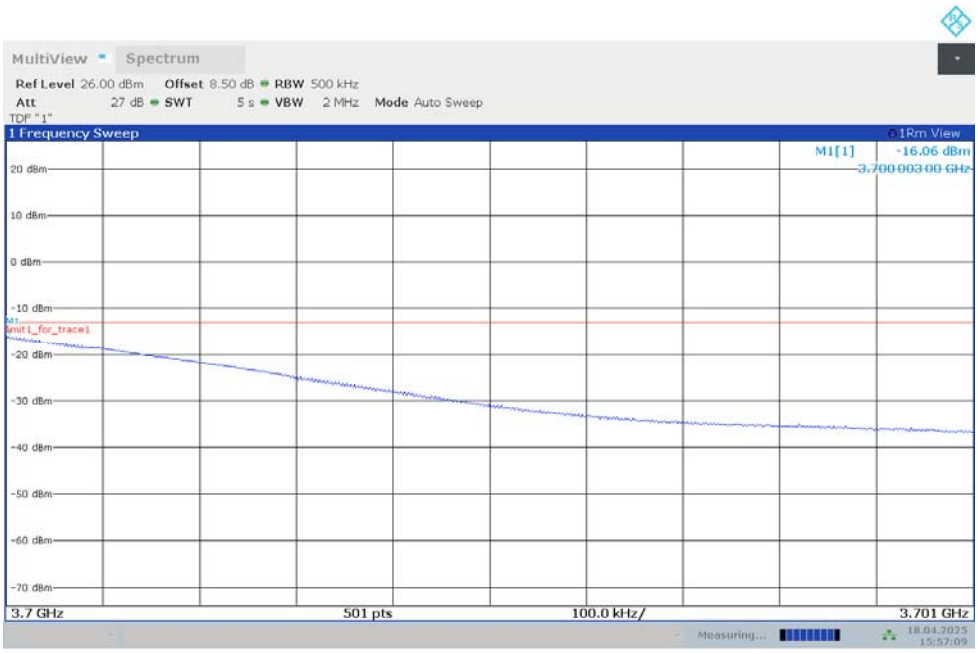
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



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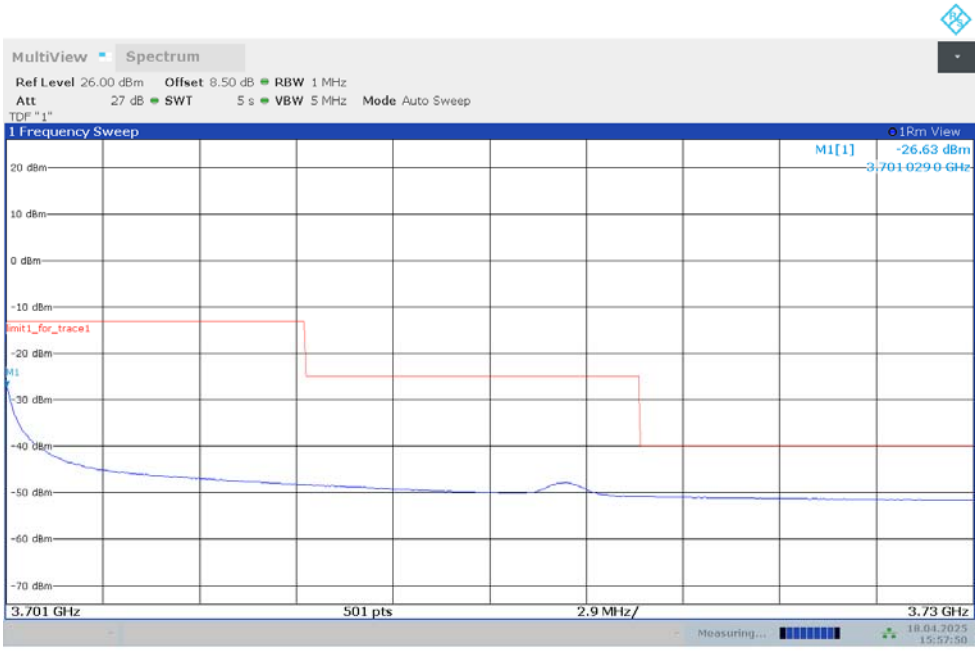
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



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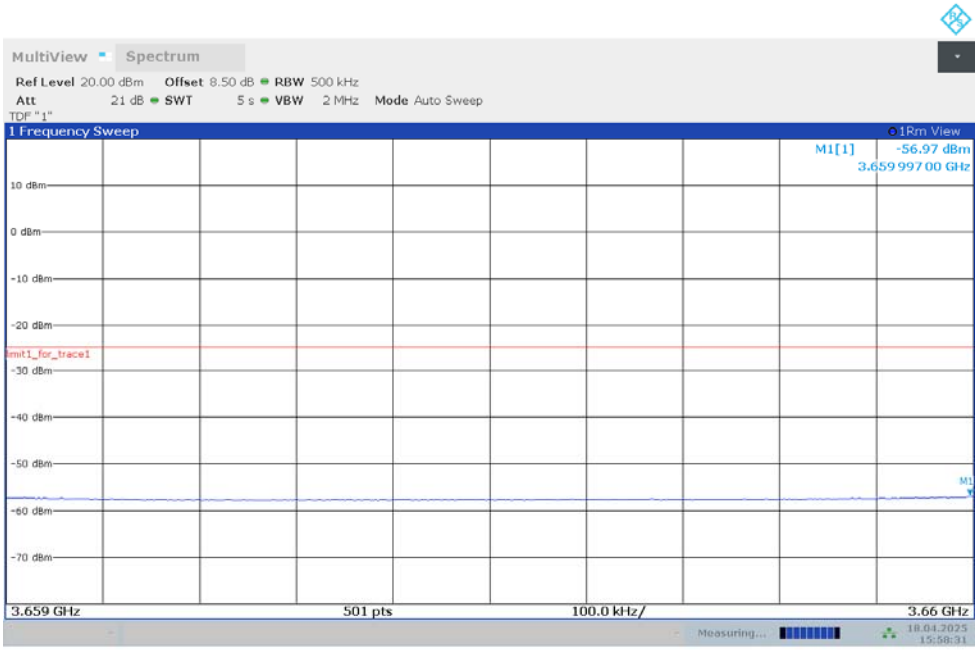
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



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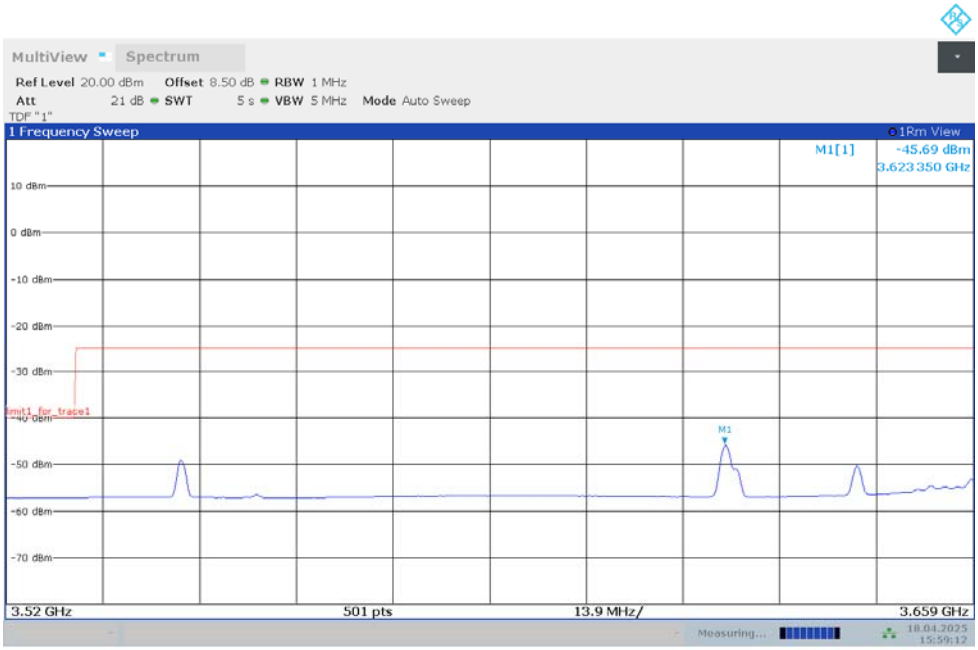
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



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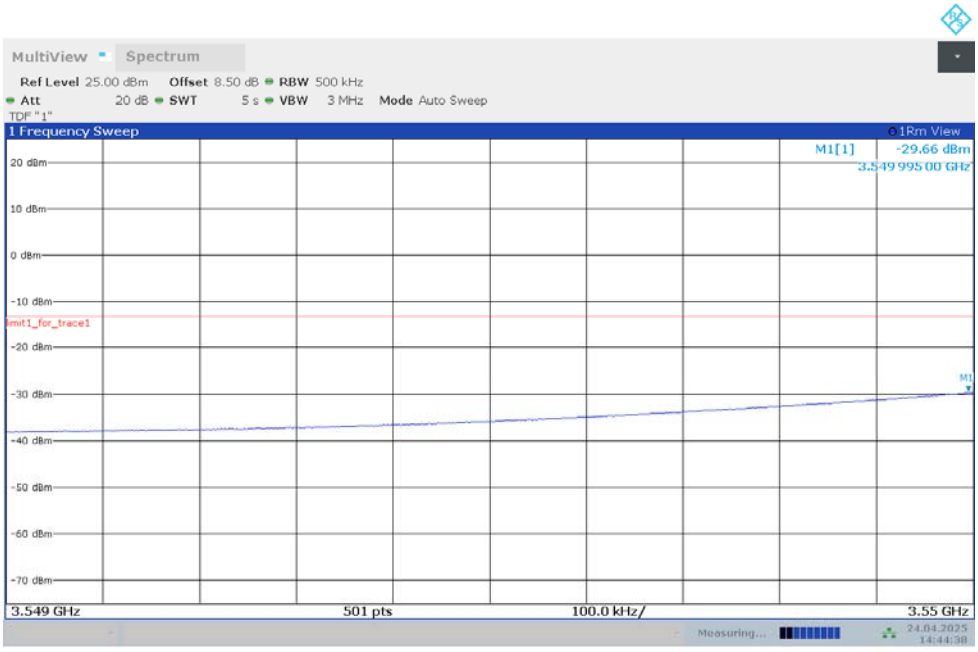
LOW BAND EDGE BLOCK-40MHz-100%RB



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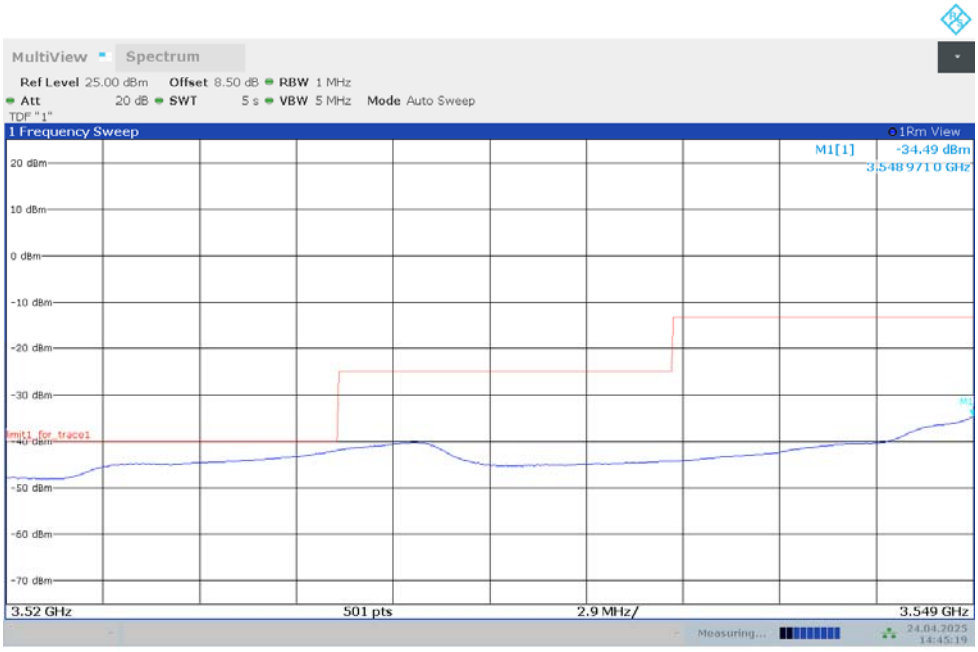
LOW BAND EDGE BLOCK-40MHz-100%RB



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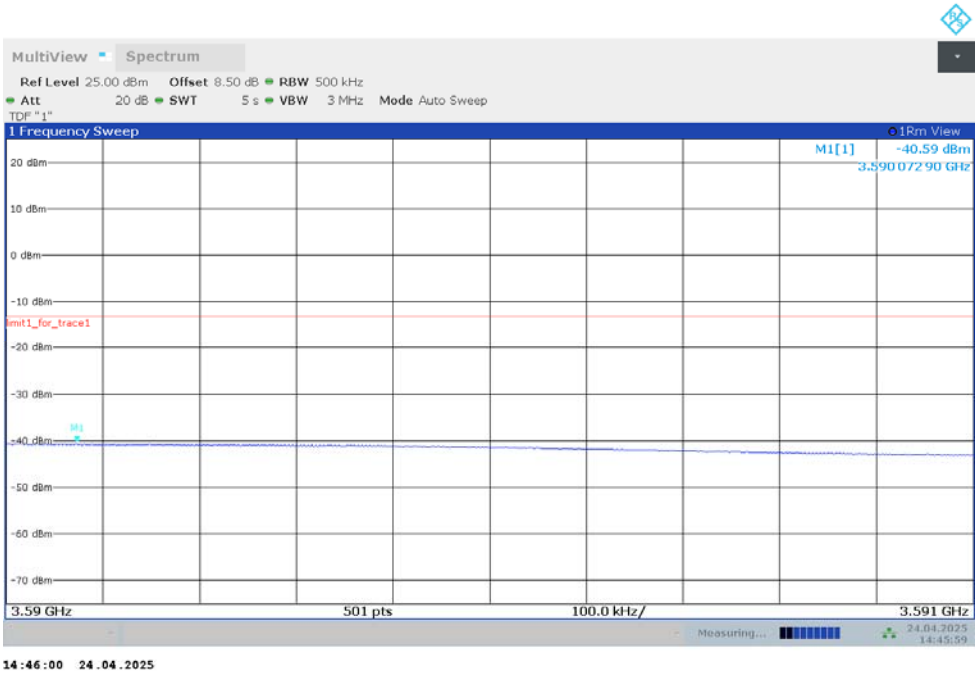
LOW BAND EDGE BLOCK-40MHz-100%RB



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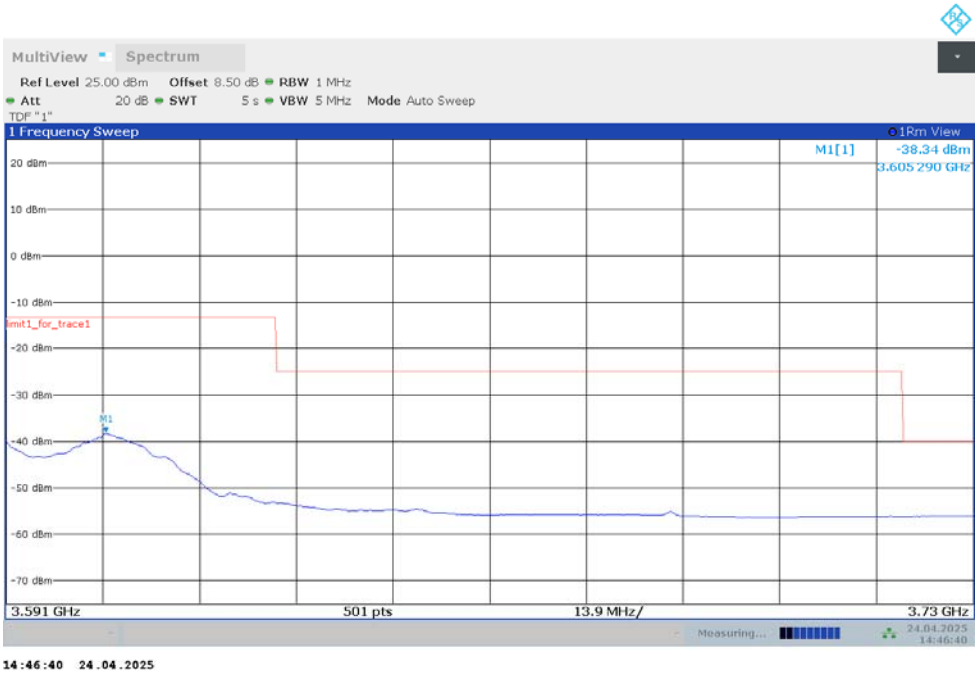
LOW BAND EDGE BLOCK-40MHz-100%RB



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ACLR

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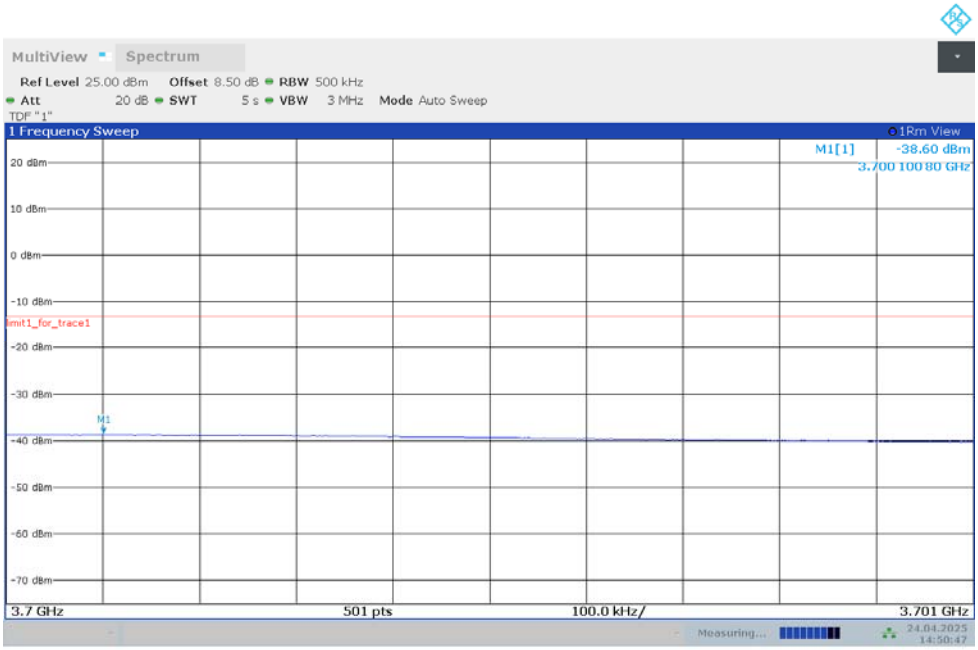
HIGH BAND EDGE BLOCK-40MHz-100%RB



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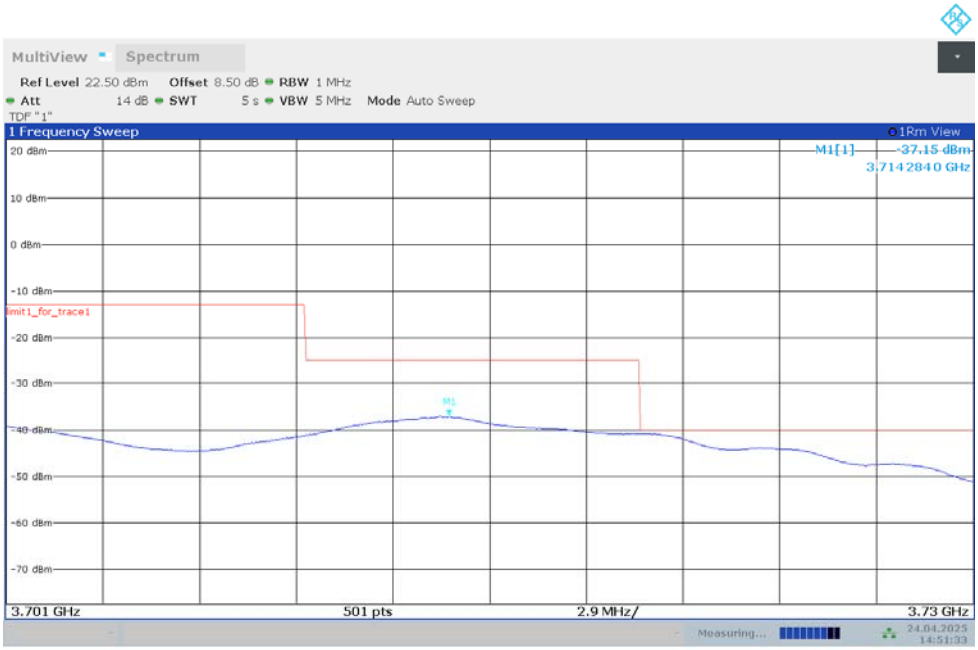
HIGH BAND EDGE BLOCK-40MHz-100%RB



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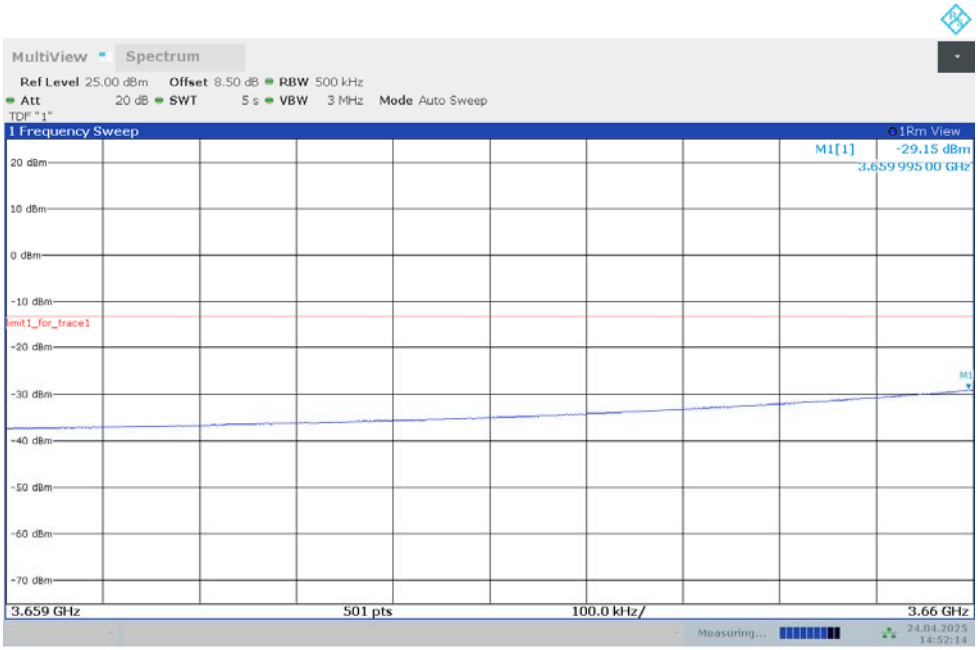
HIGH BAND EDGE BLOCK-40MHz-100%RB



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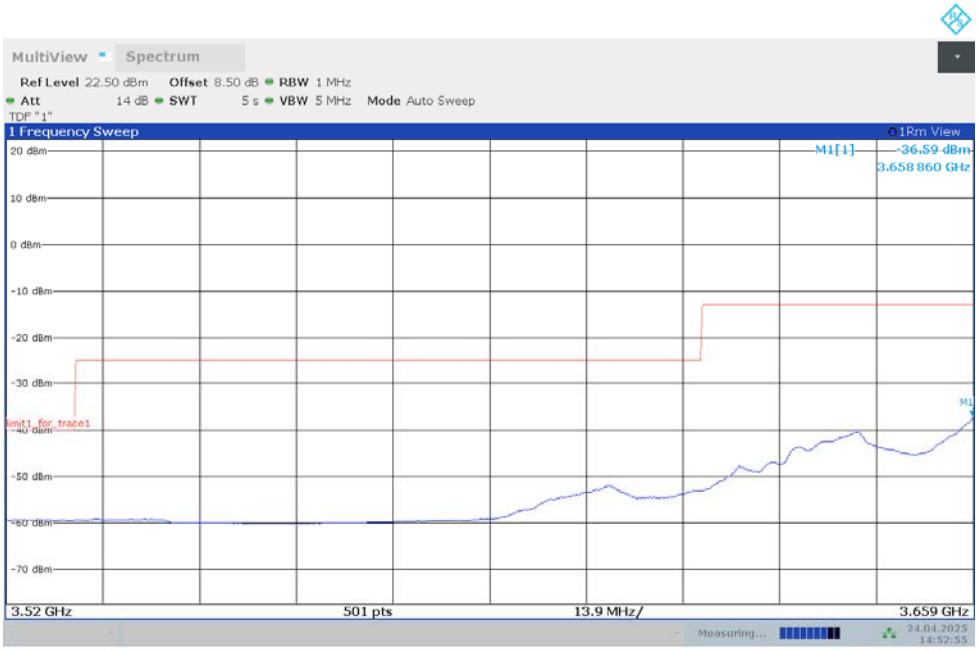
HIGH BAND EDGE BLOCK-40MHz-100%RB



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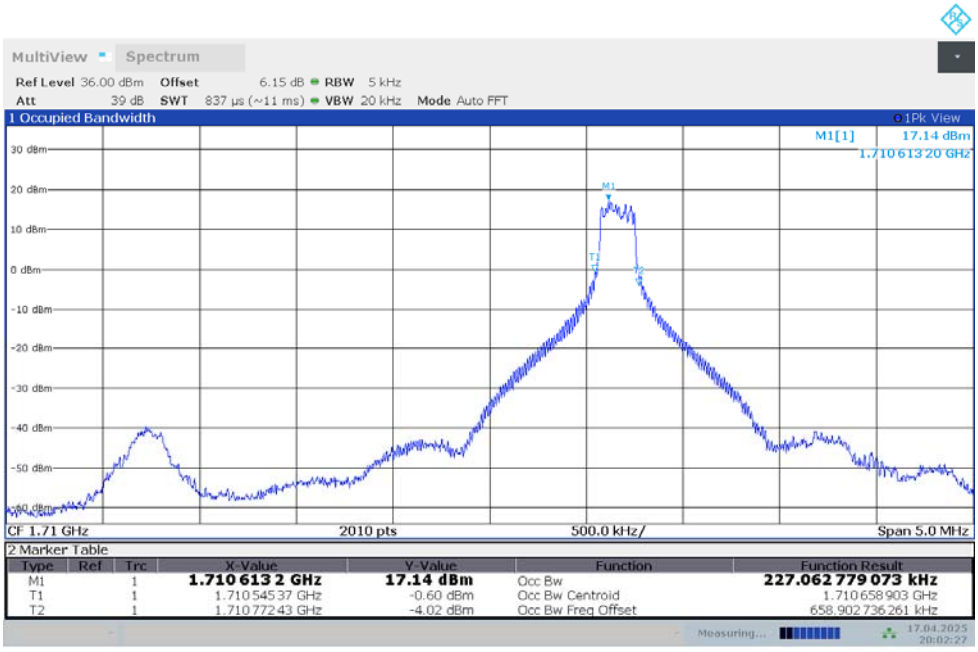
NR n66

OBW: 1RB-LOW_offset



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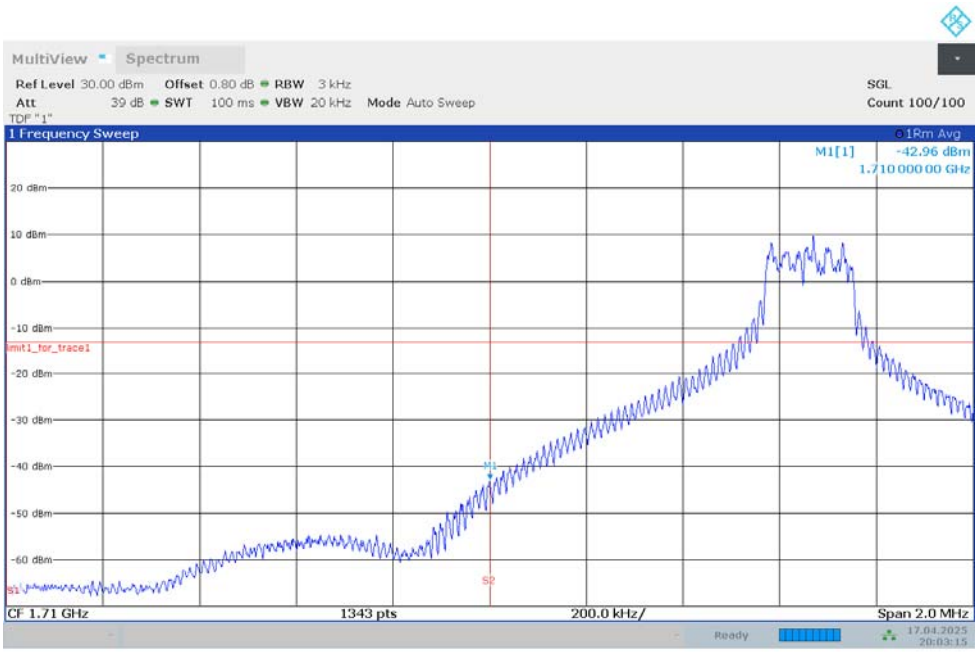
LOW BAND EDGE BLOCK-1RB-LOW_offset



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