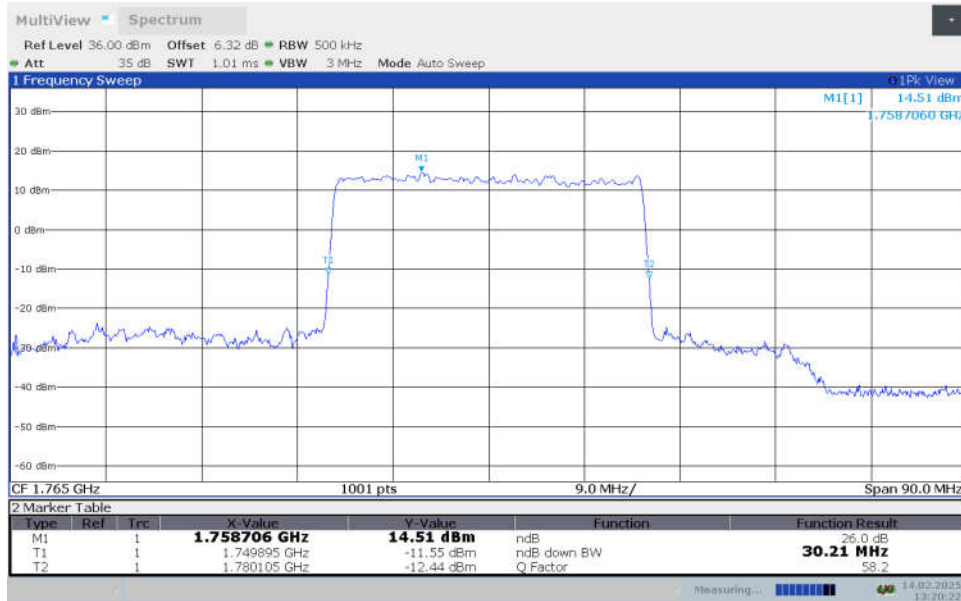
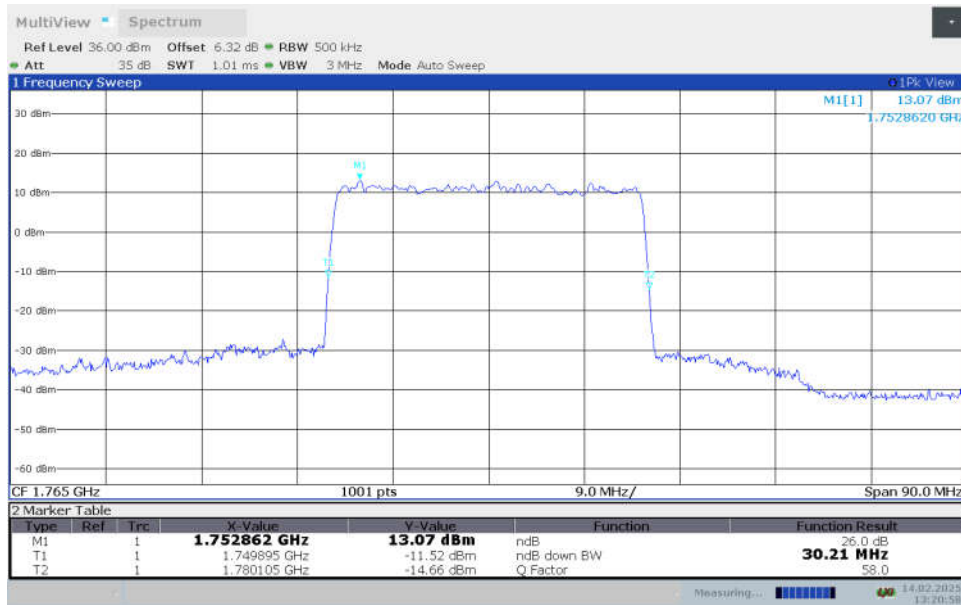


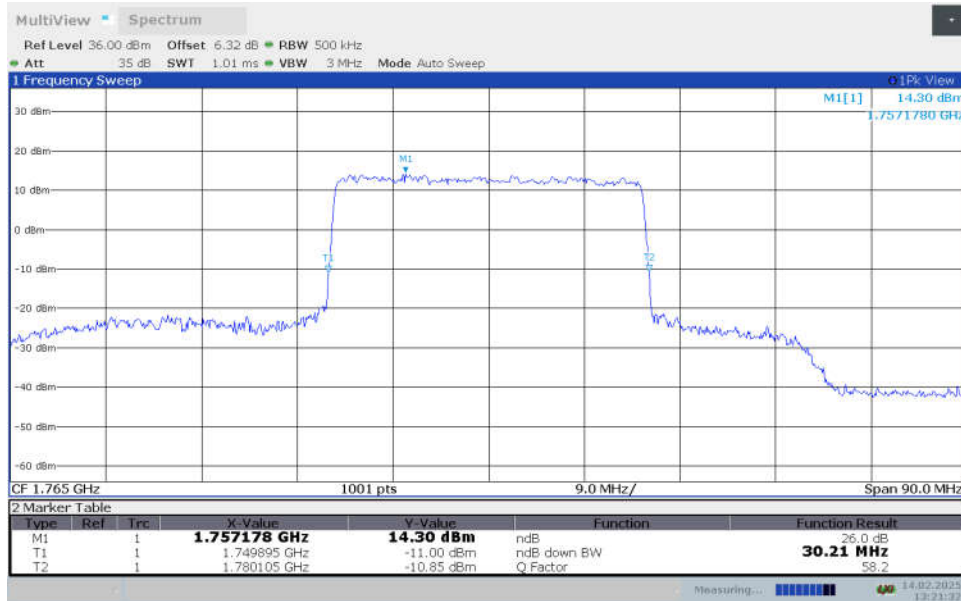
n66,30MHz Bandwidth,DFT-s-64QAM (-26dBc OBW)



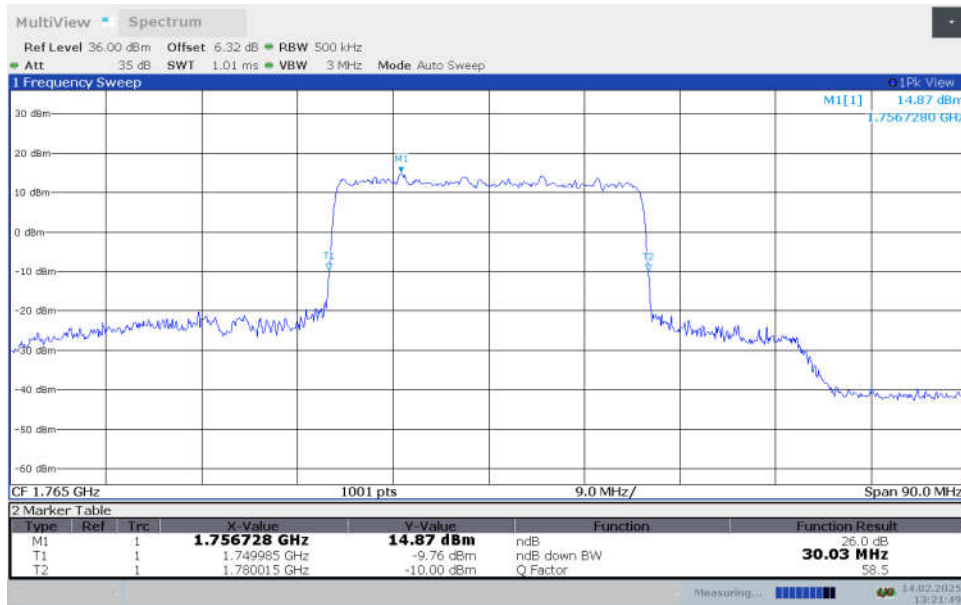
n66,30MHz Bandwidth,DFT-s-256QAM (-26dBc OBW)



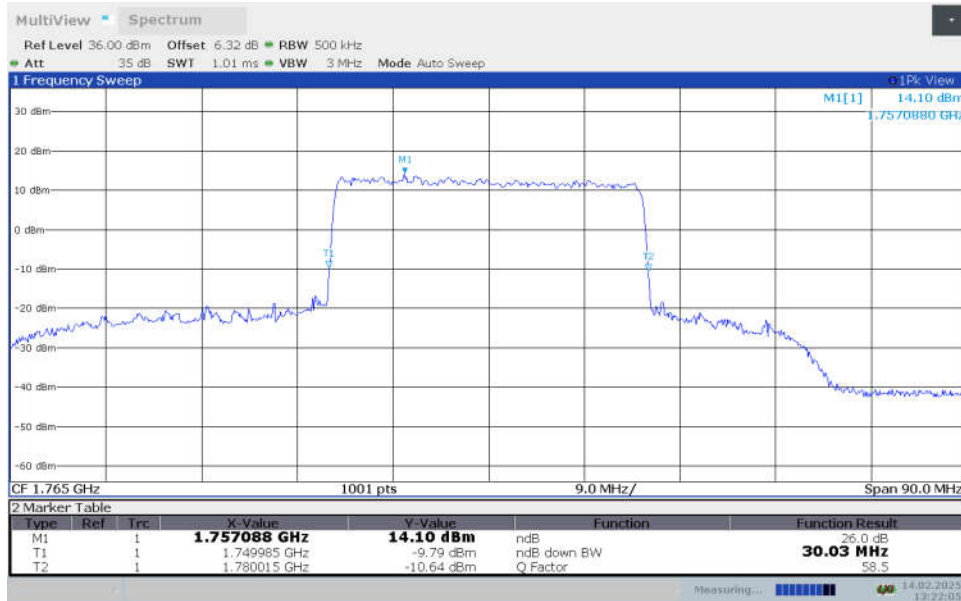
n66,30MHz Bandwidth,CP-QPSK (-26dBc OBW)



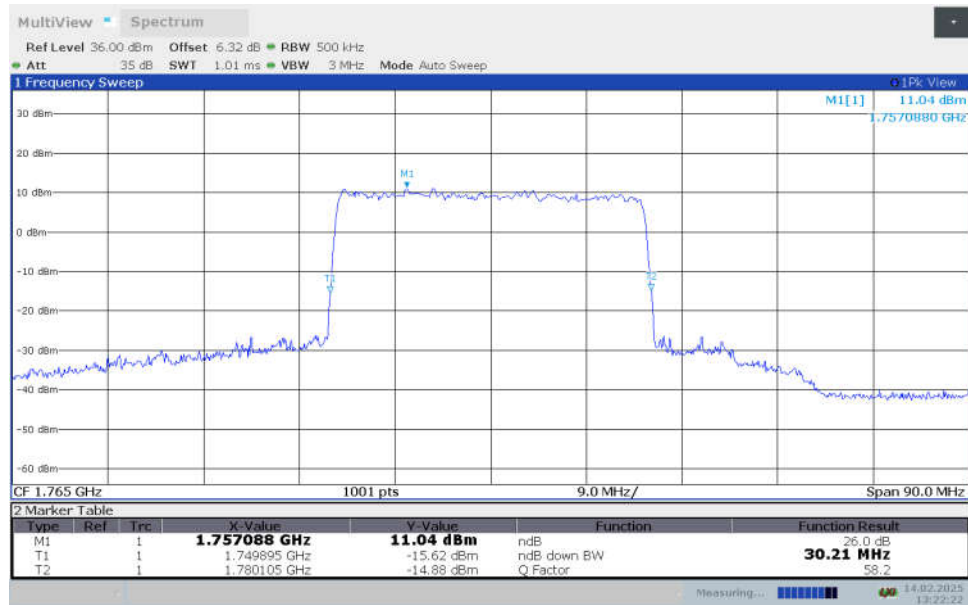
n66,30MHz Bandwidth,CP-16QAM (-26dBc OBW)



n66,30MHz Bandwidth,CP-64QAM (-26dBc OBW)



n66,30MHz Bandwidth,CP-256QAM (-26dBc OBW)

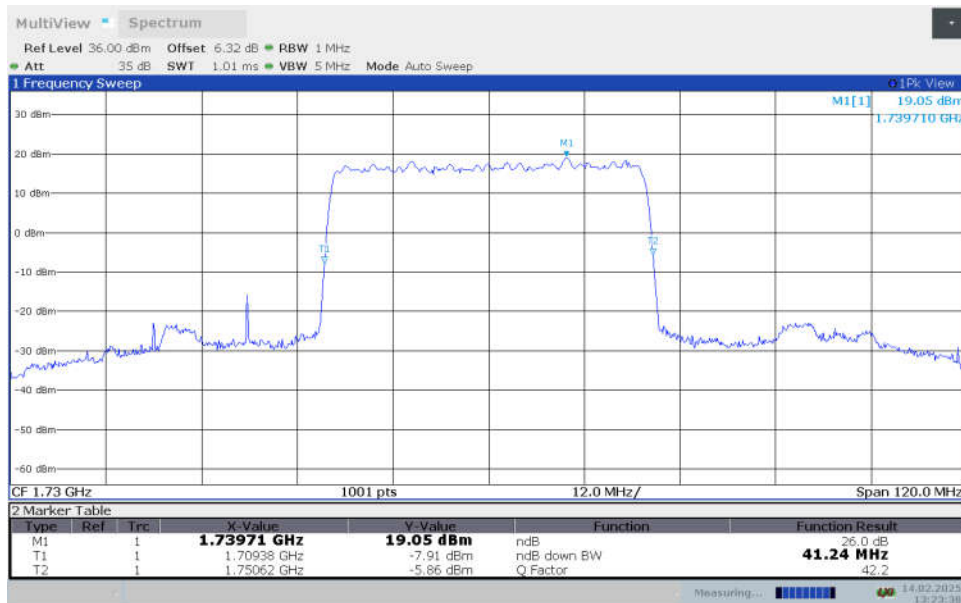


n66

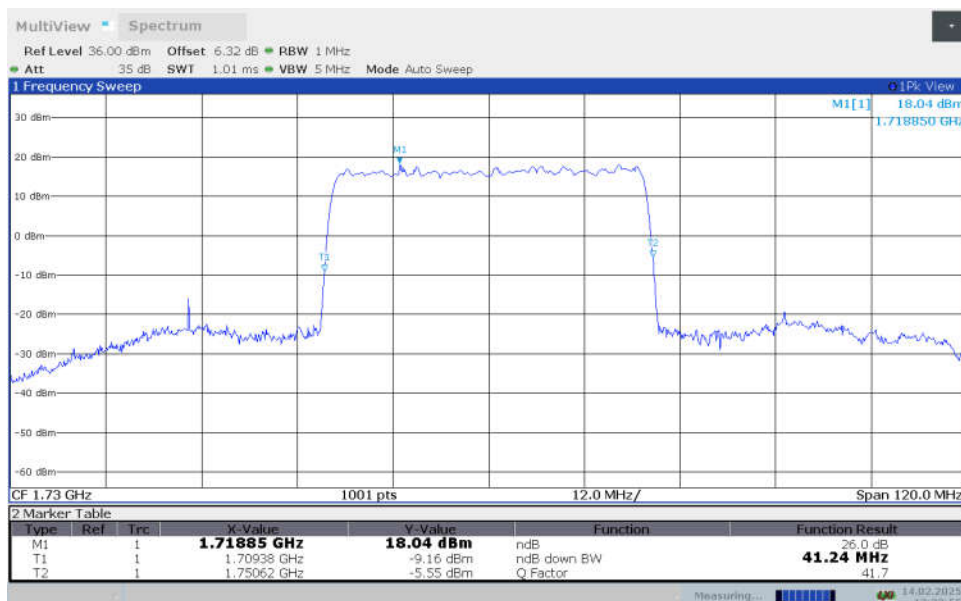
n66,40MHz(-26dBc OBW)

Frequency (MHz)	Emission Bandwidth (-26dBc OBW) (MHz)								
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
1730	41.240	41.240	41.240	41.240	41.120	41.240	41.240	41.240	41.240
1745	41.240	41.240	41.240	41.240	41.120	41.240	41.240	41.240	41.240
1760	41.240	41.240	41.240	41.240	41.120	41.240	41.240	41.240	41.240

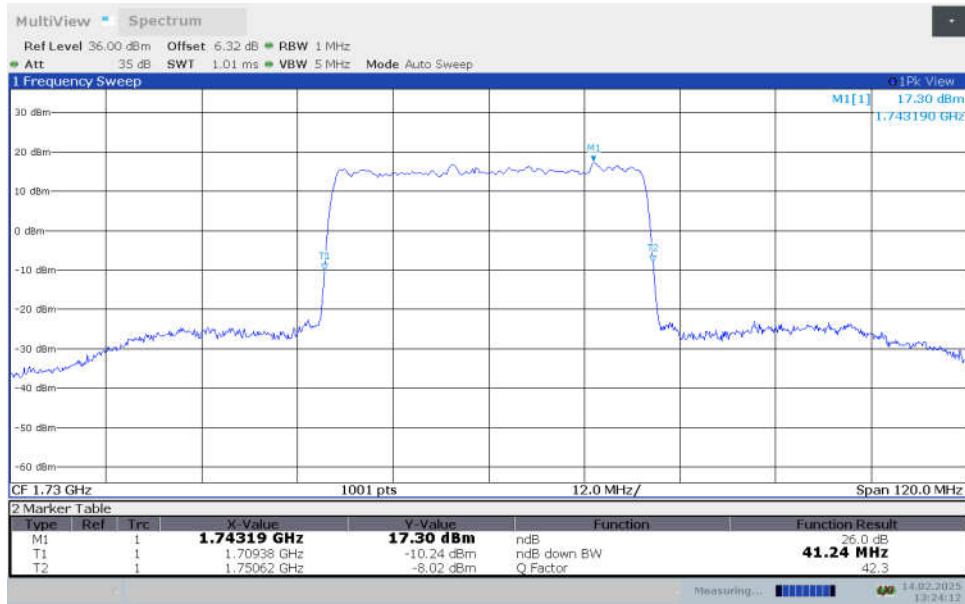
n66,40MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc OBW)



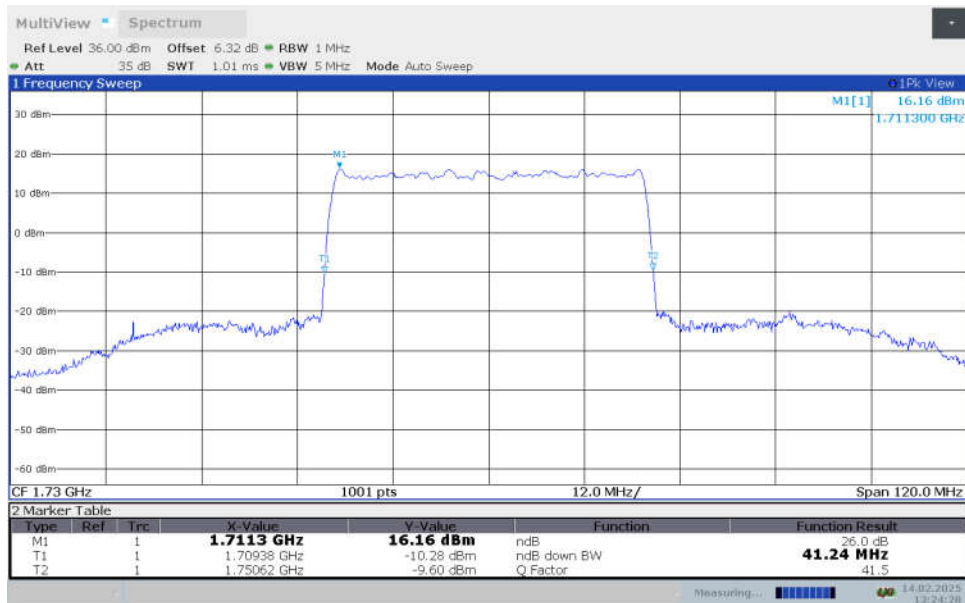
n66,40MHz Bandwidth,DFT-s-QPSK (-26dBc OBW)



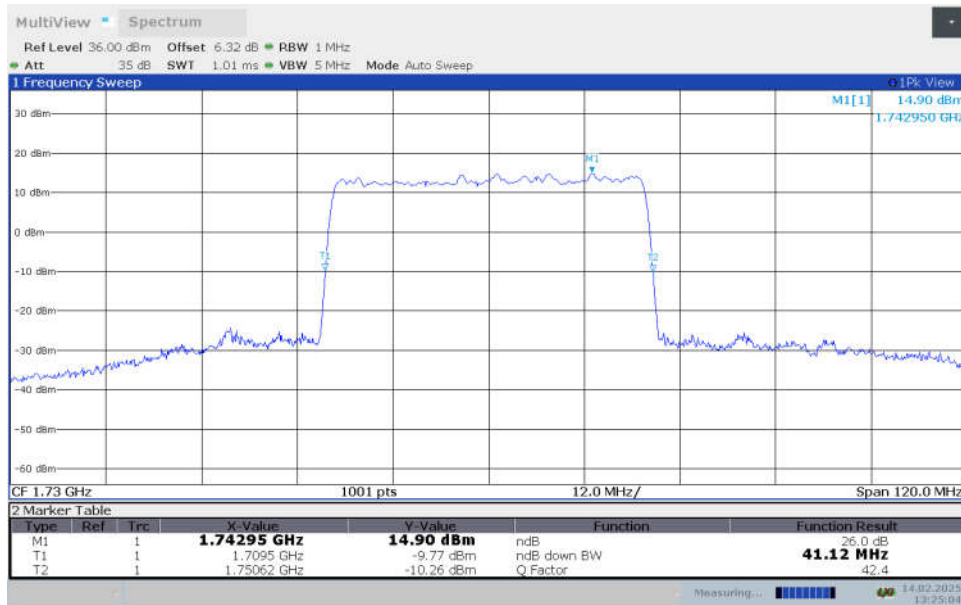
n66,40MHz Bandwidth,DFT-s-16QAM (-26dBc OBW)



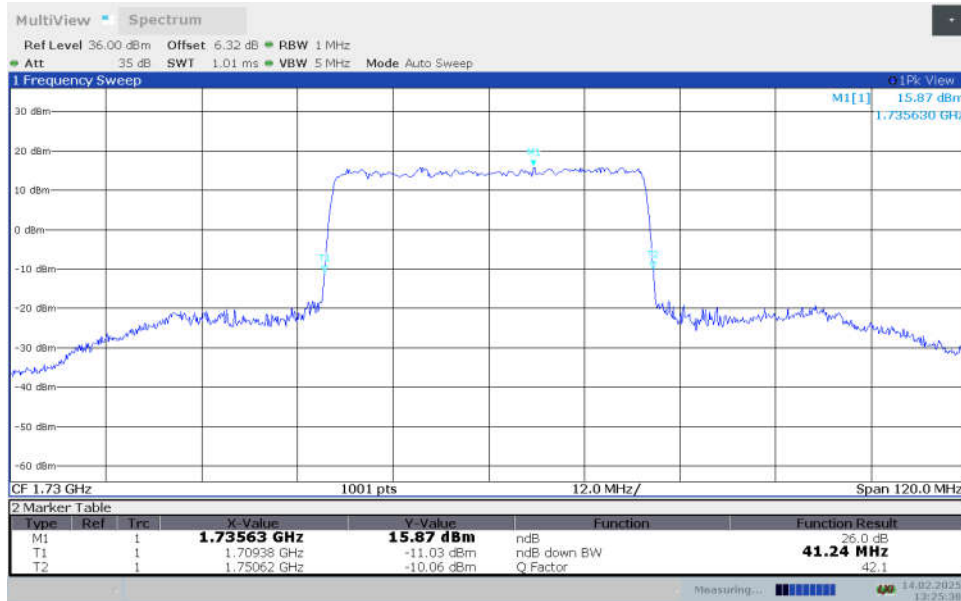
n66,40MHz Bandwidth,DFT-s-64QAM (-26dBc OBW)



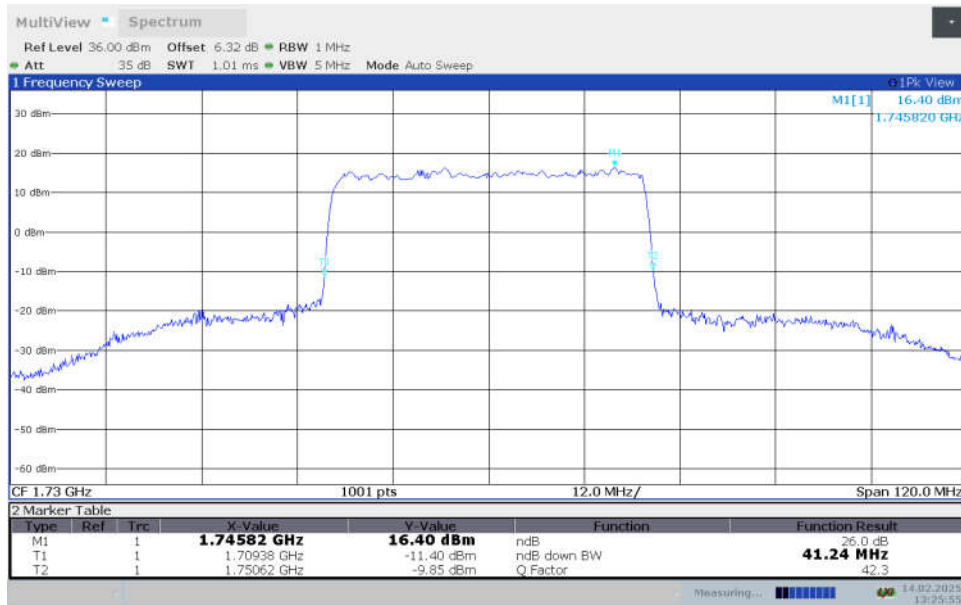
n66,40MHz Bandwidth,DFT-s-256QAM (-26dBc OBW)



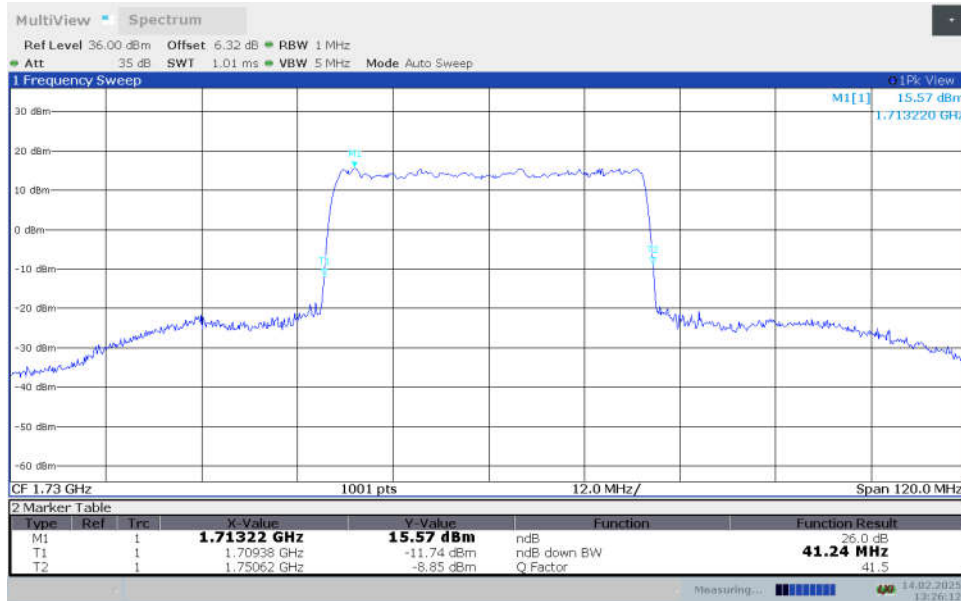
n66,40MHz Bandwidth,CP-QPSK (-26dBc OBW)



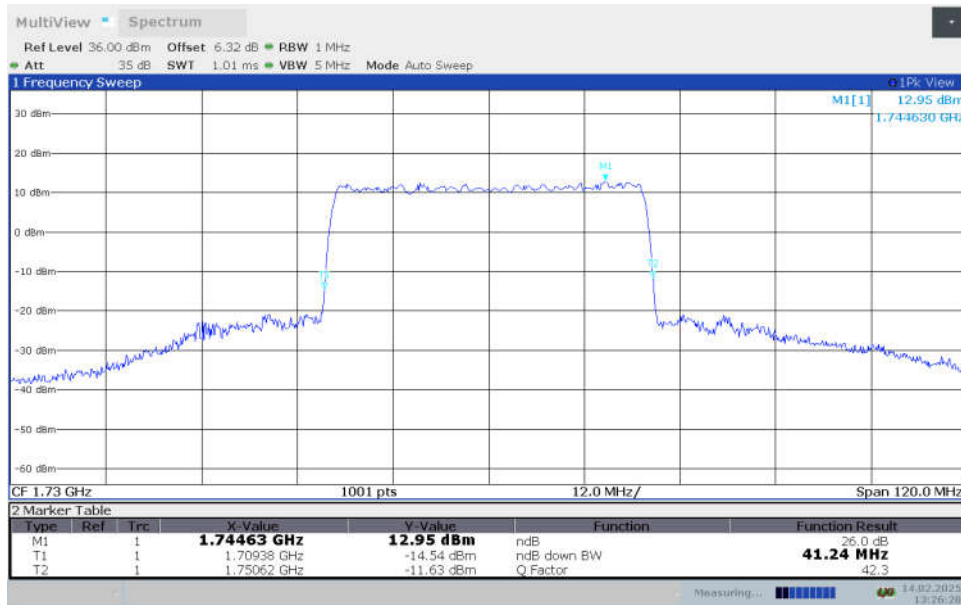
n66,40MHz Bandwidth,CP-16QAM (-26dBc OBW)



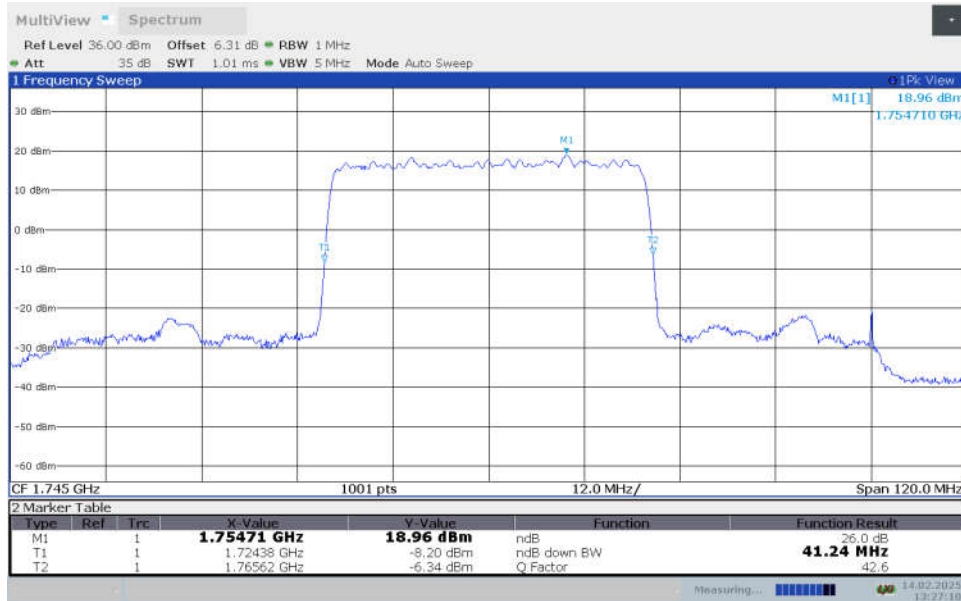
n66,40MHz Bandwidth,CP-64QAM (-26dBc OBW)



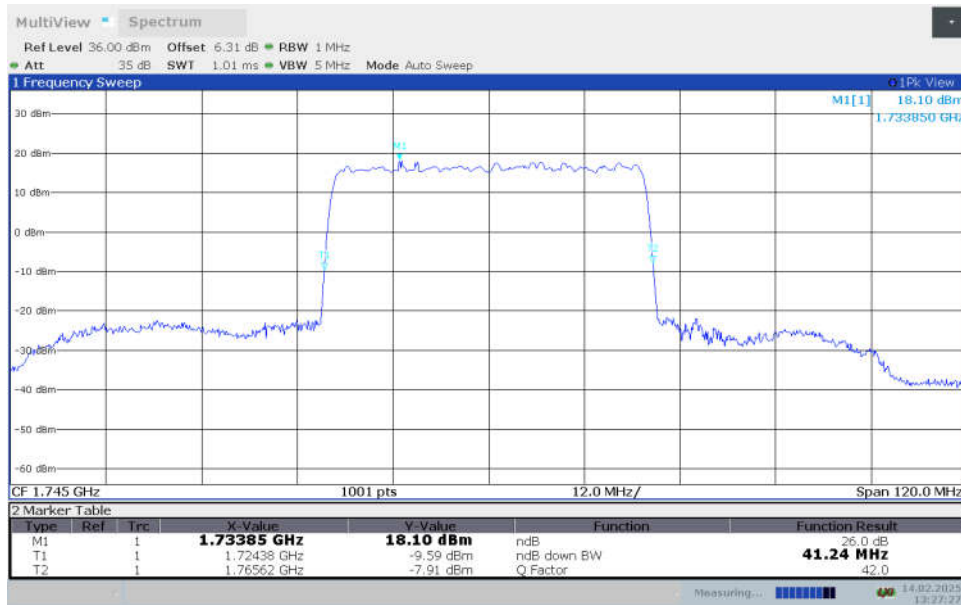
n66,40MHz Bandwidth,CP-256QAM (-26dBc OBW)



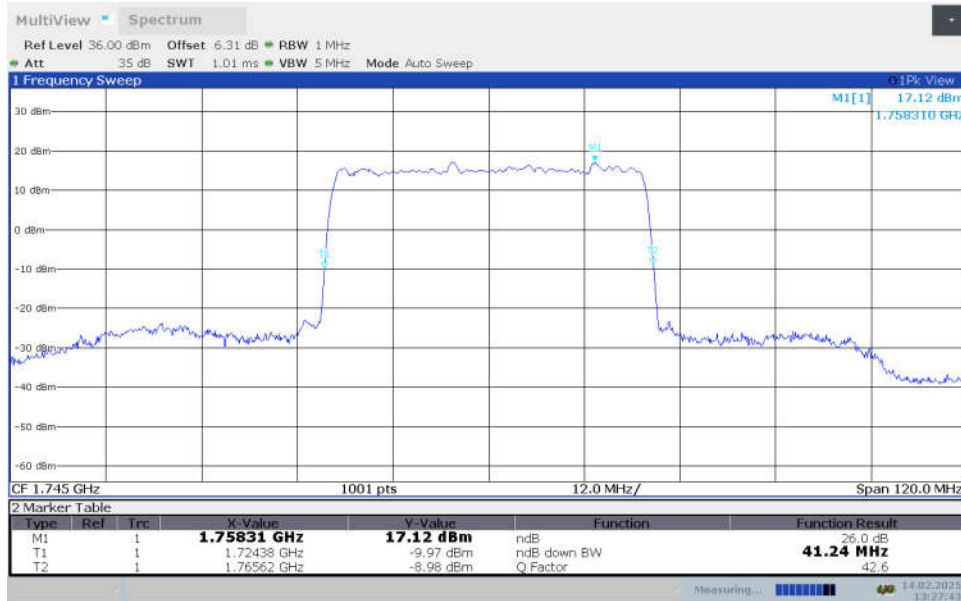
n66,40MHz Bandwidth,DFT-s-PI/2 BPSK (-26dBc OBW)



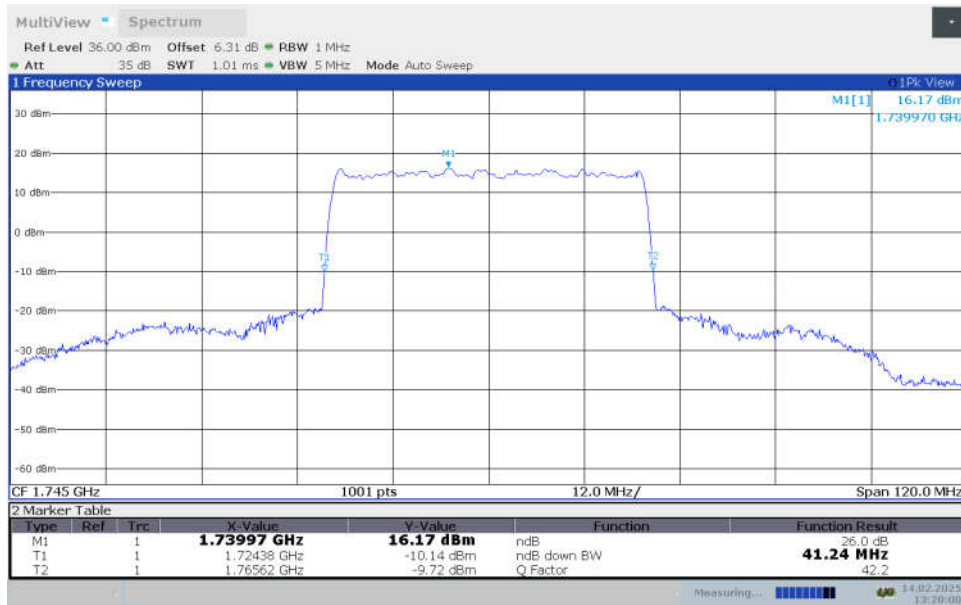
n66,40MHz Bandwidth,DFT-s-QPSK (-26dBc OBW)



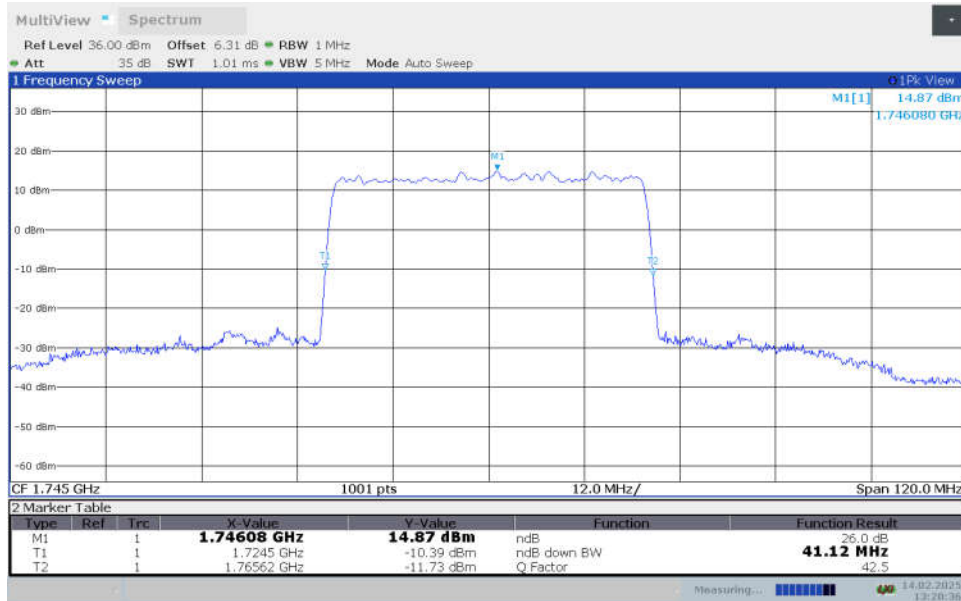
n66,40MHz Bandwidth,DFT-s-16QAM (-26dBc OBW)



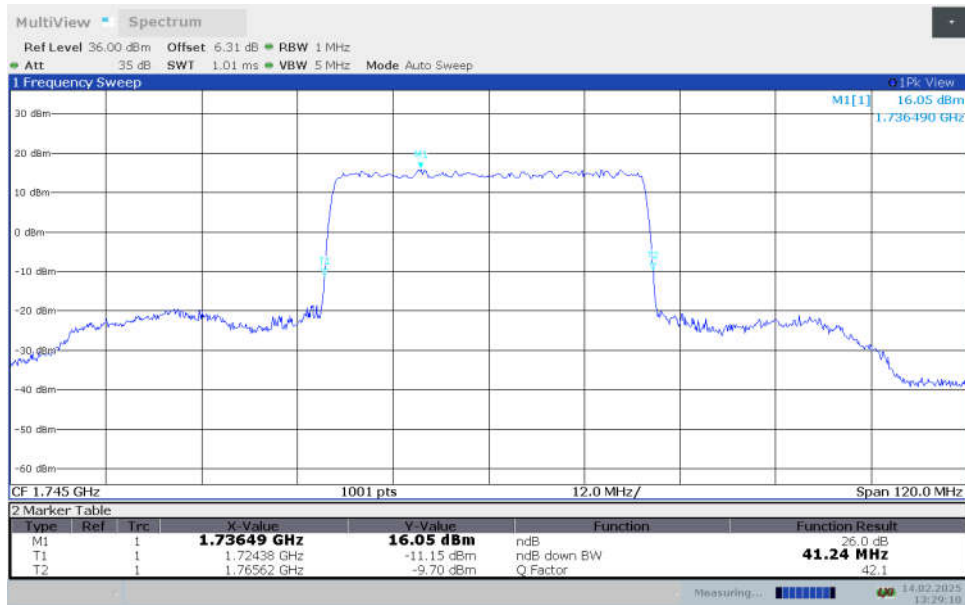
n66,40MHz Bandwidth,DFT-s-64QAM (-26dBc OBW)



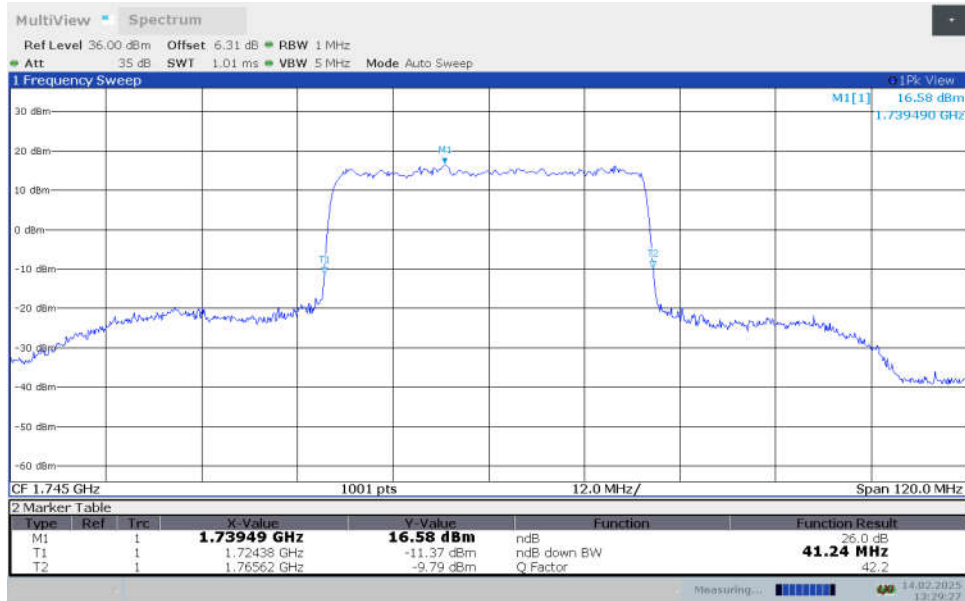
n66,40MHz Bandwidth,DFT-s-256QAM (-26dBc OBW)



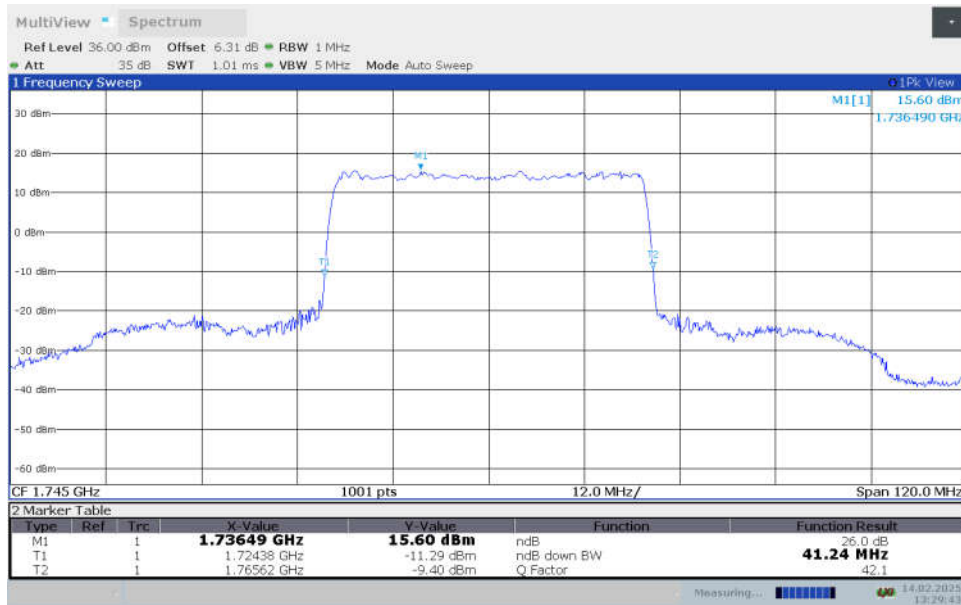
n66,40MHz Bandwidth,CP-QPSK (-26dBc OBW)



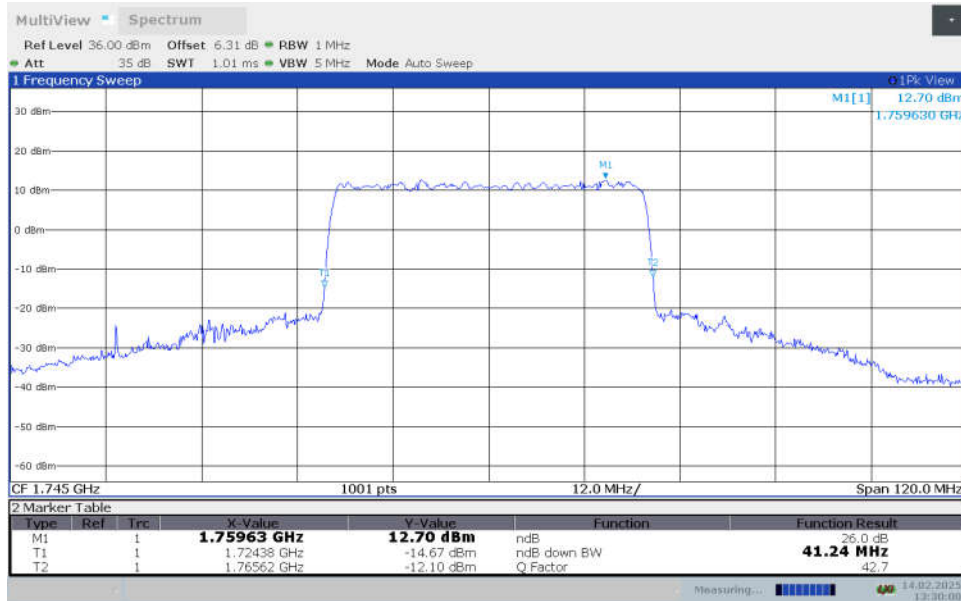
n66,40MHz Bandwidth,CP-16QAM (-26dBc OBW)



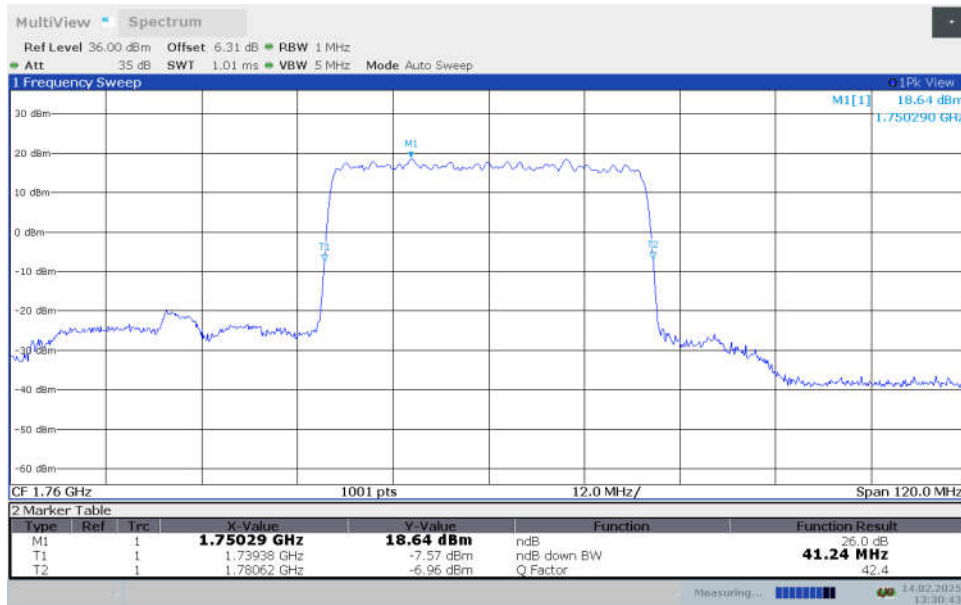
n66,40MHz Bandwidth,CP-64QAM (-26dBc OBW)



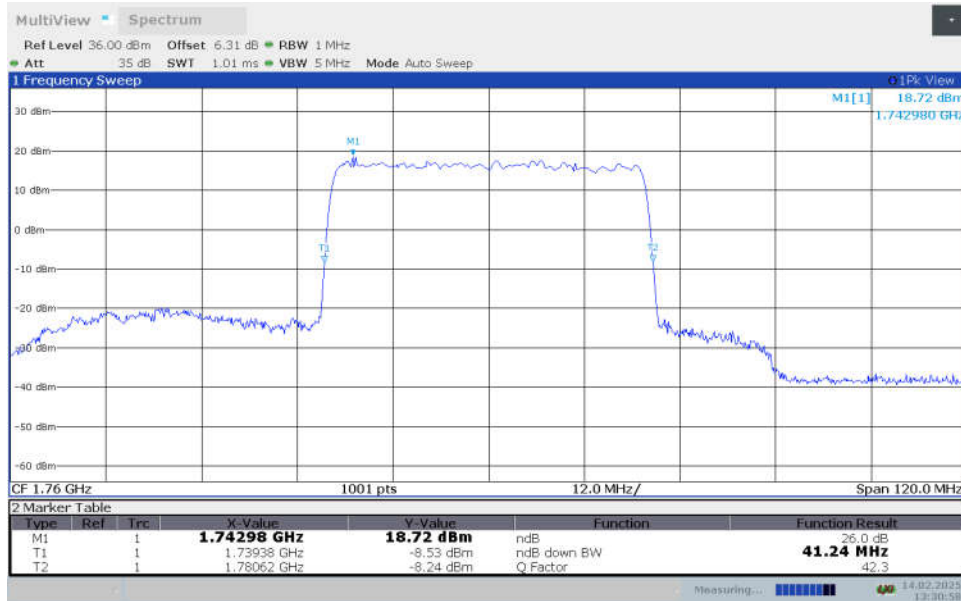
n66,40MHz Bandwidth,CP-256QAM (-26dBc OBW)



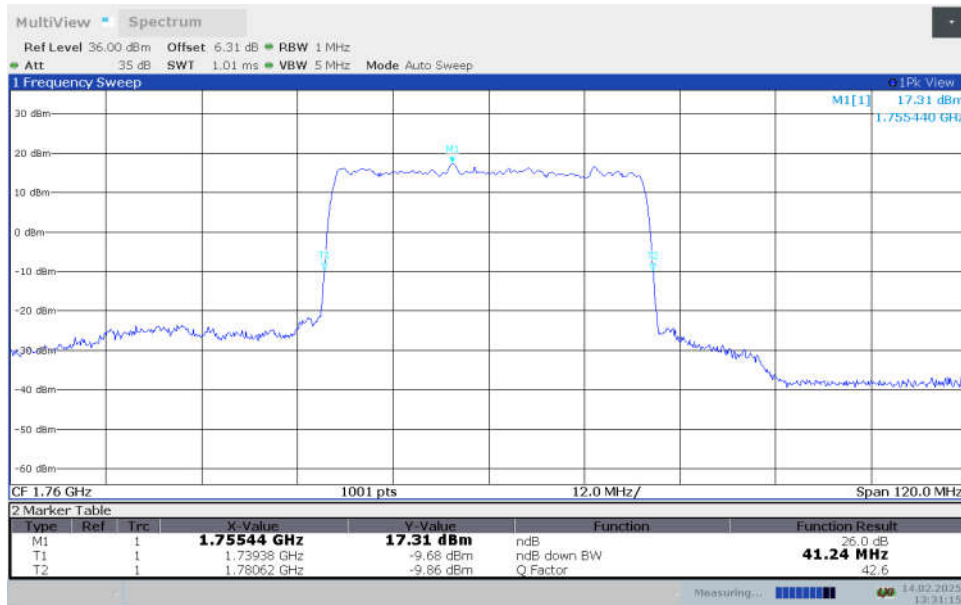
n66,40MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc OBW)



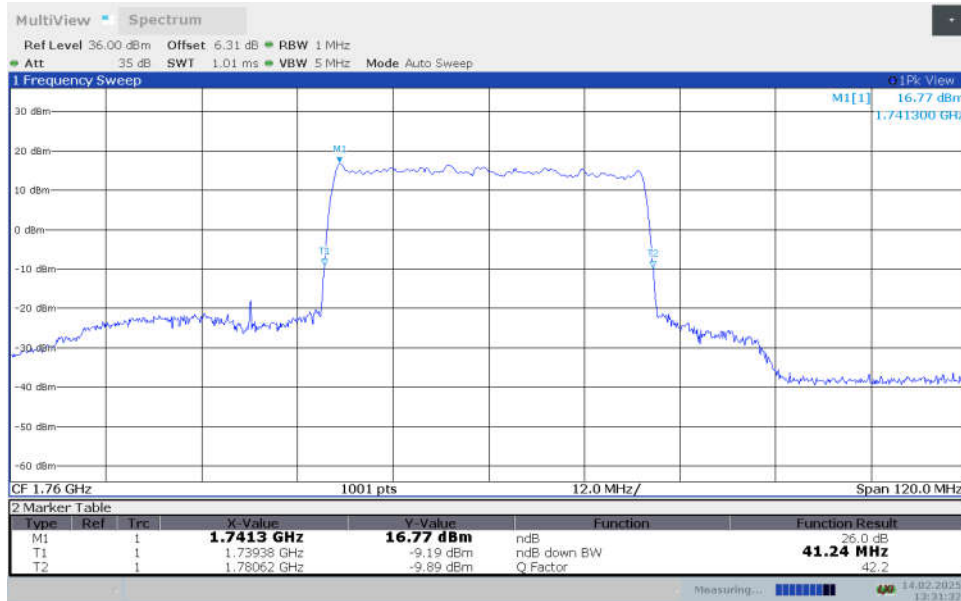
n66,40MHz Bandwidth,DFT-s-QPSK (-26dBc OBW)



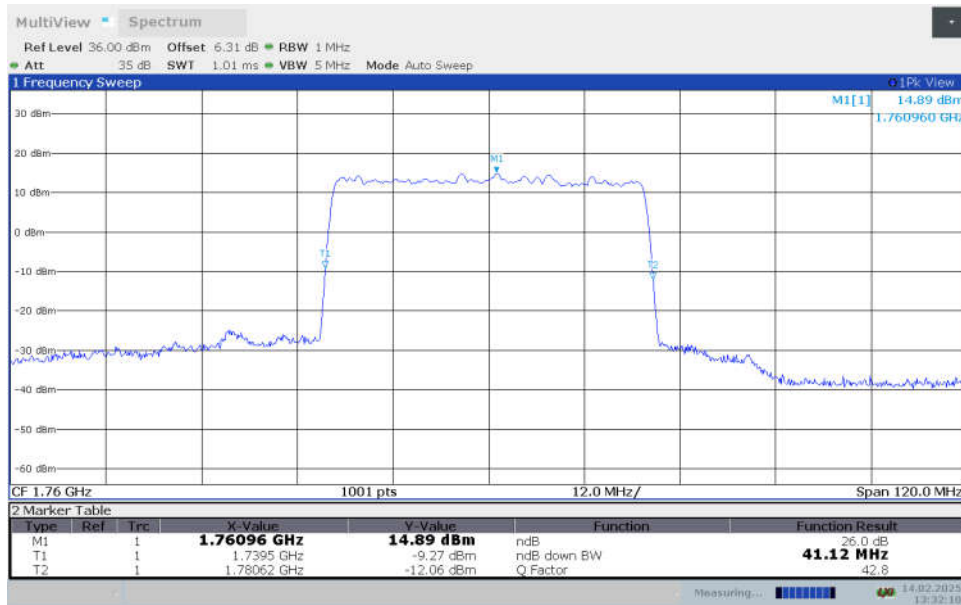
n66,40MHz Bandwidth,DFT-s-16QAM (-26dBc OBW)



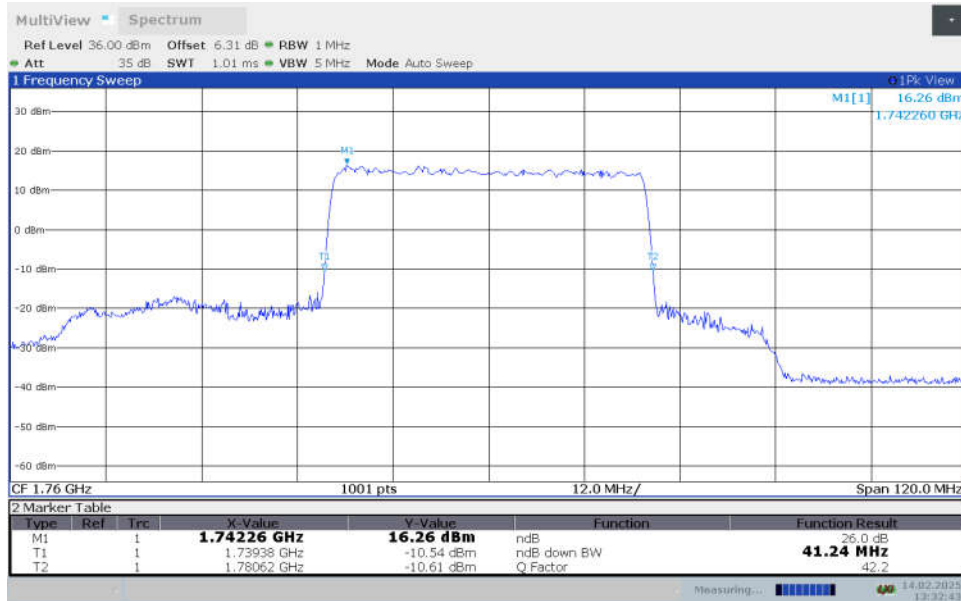
n66,40MHz Bandwidth,DFT-s-64QAM (-26dBc OBW)



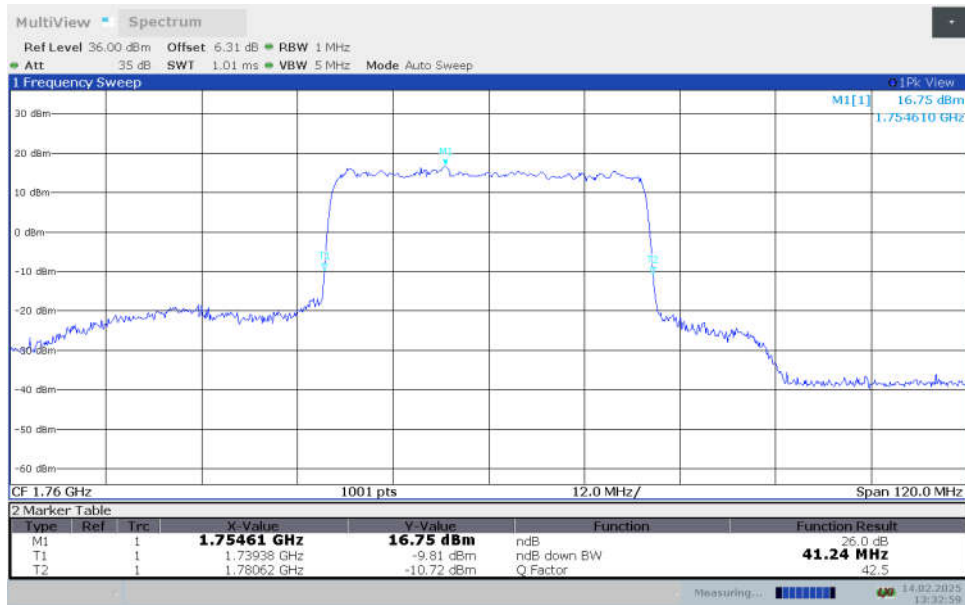
n66,40MHz Bandwidth,DFT-s-256QAM (-26dBc OBW)



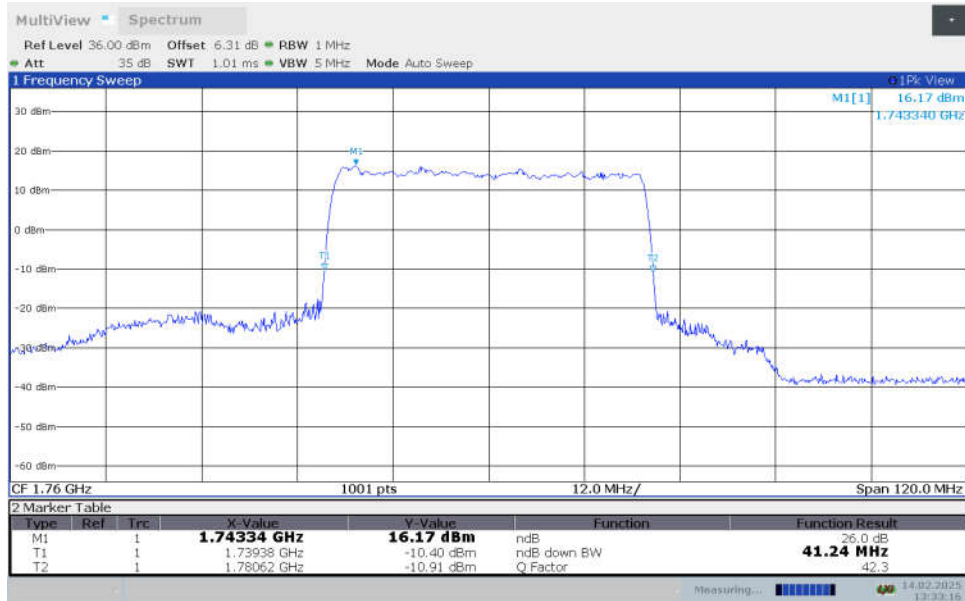
n66,40MHz Bandwidth,CP-QPSK (-26dBc OBW)



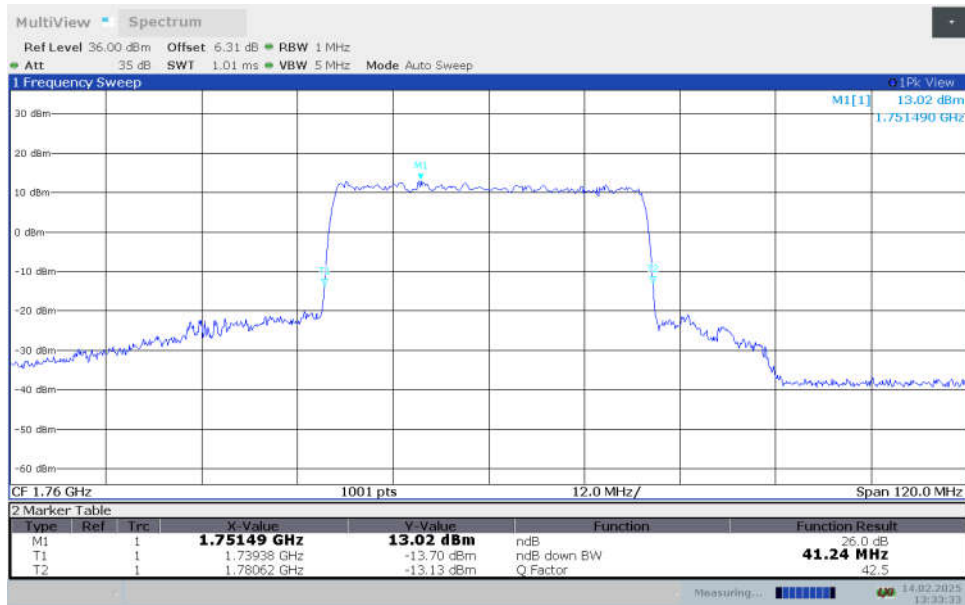
n66,40MHz Bandwidth,CP-16QAM (-26dBc OBW)



n66,40MHz Bandwidth,CP-64QAM (-26dBc OBW)



n66,40MHz Bandwidth,CP-256QAM (-26dBc OBW)



A.6 BAND EDGE COMPLIANCE

A.6.1 Measurement limit

Part 22.917 and Part 24.238 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(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 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.

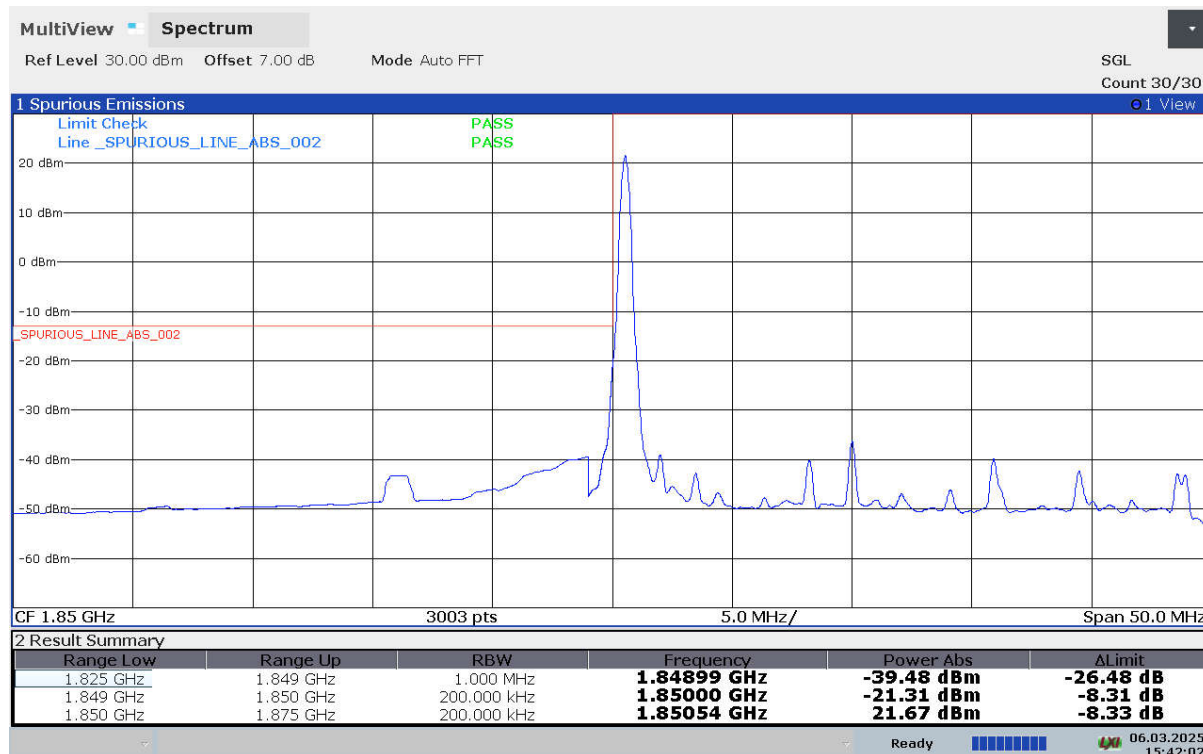
The spectrum analyzer readings are corrected by $[10 \log(1/\text{duty cycle})]$ for the non-continuous transmitting scenario.

A.6.2 Measurement result

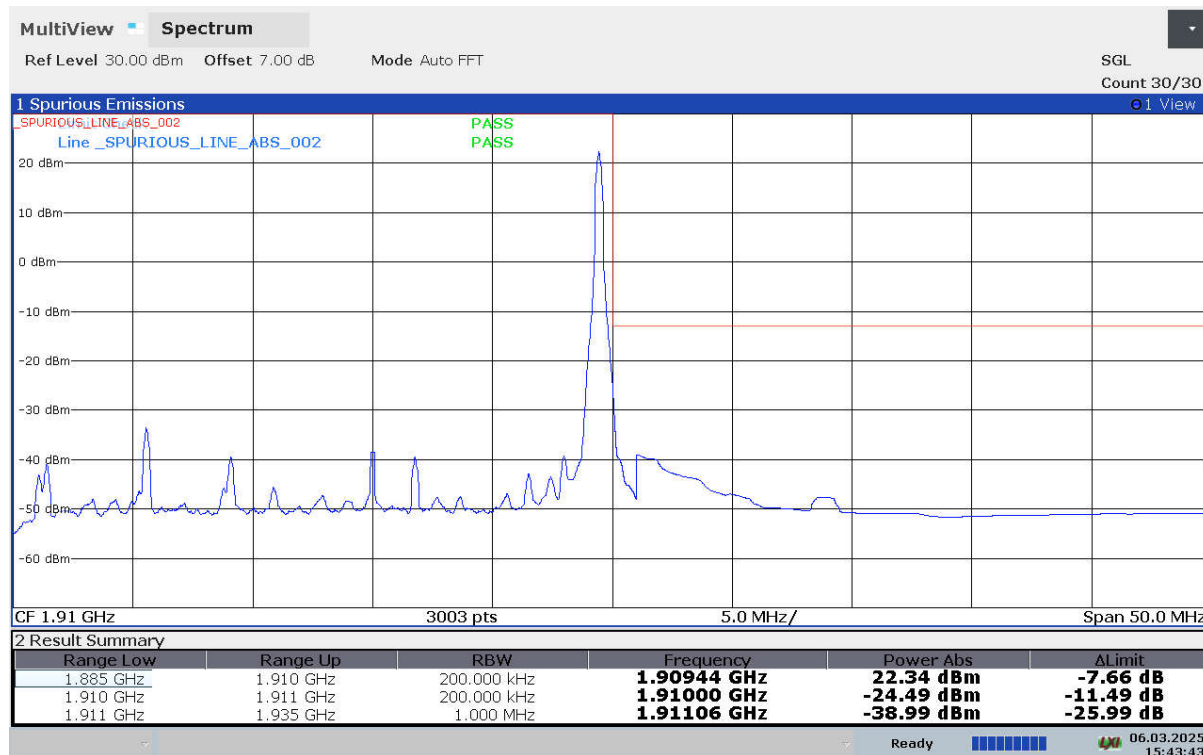
Only worst case result is given below

n2

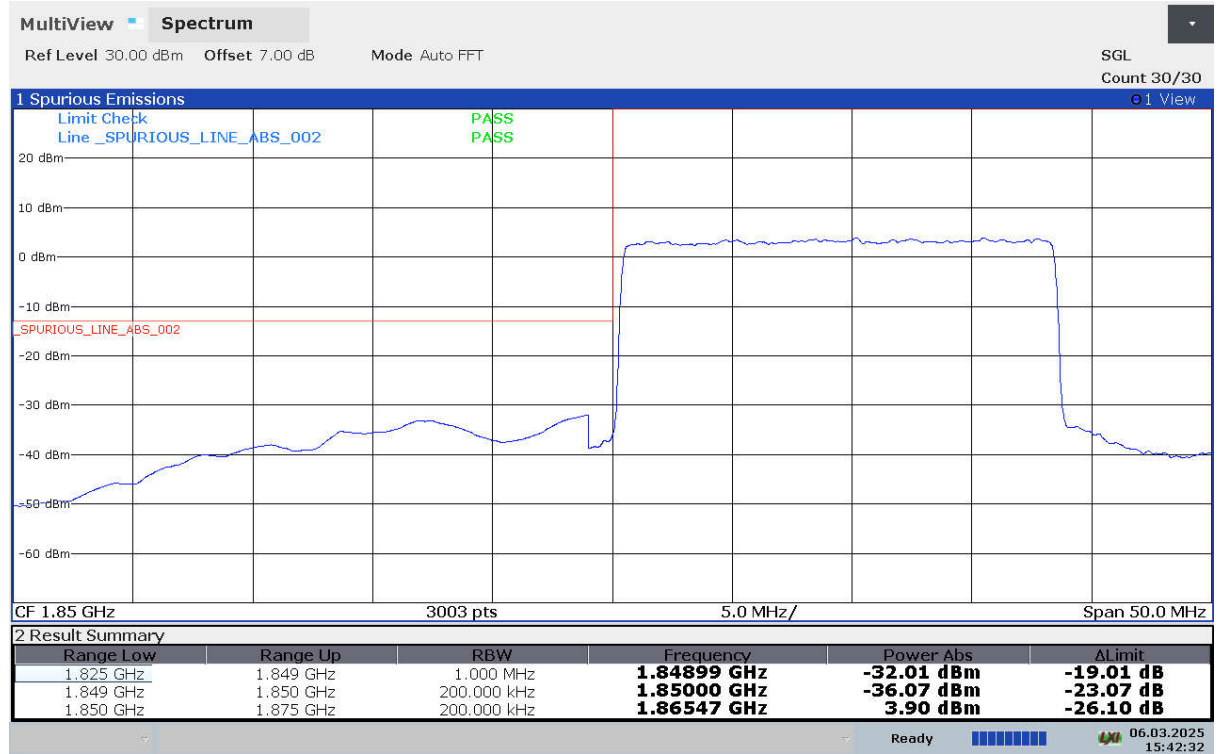
LOW BAND EDGE BLOCK-20M-1RB-LOW_offset



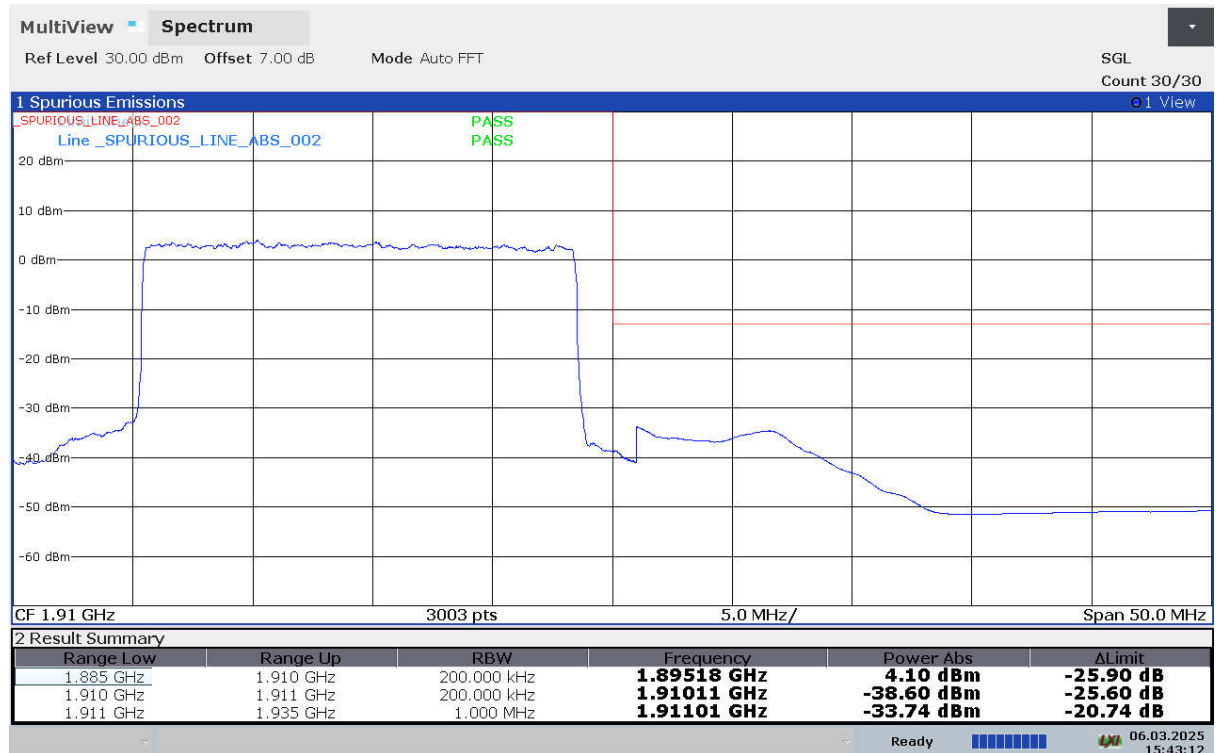
HIGH BAND EDGE BLOCK-20M-1RB-HIGH_offset



LOW BAND EDGE BLOCK-20M-100%RB

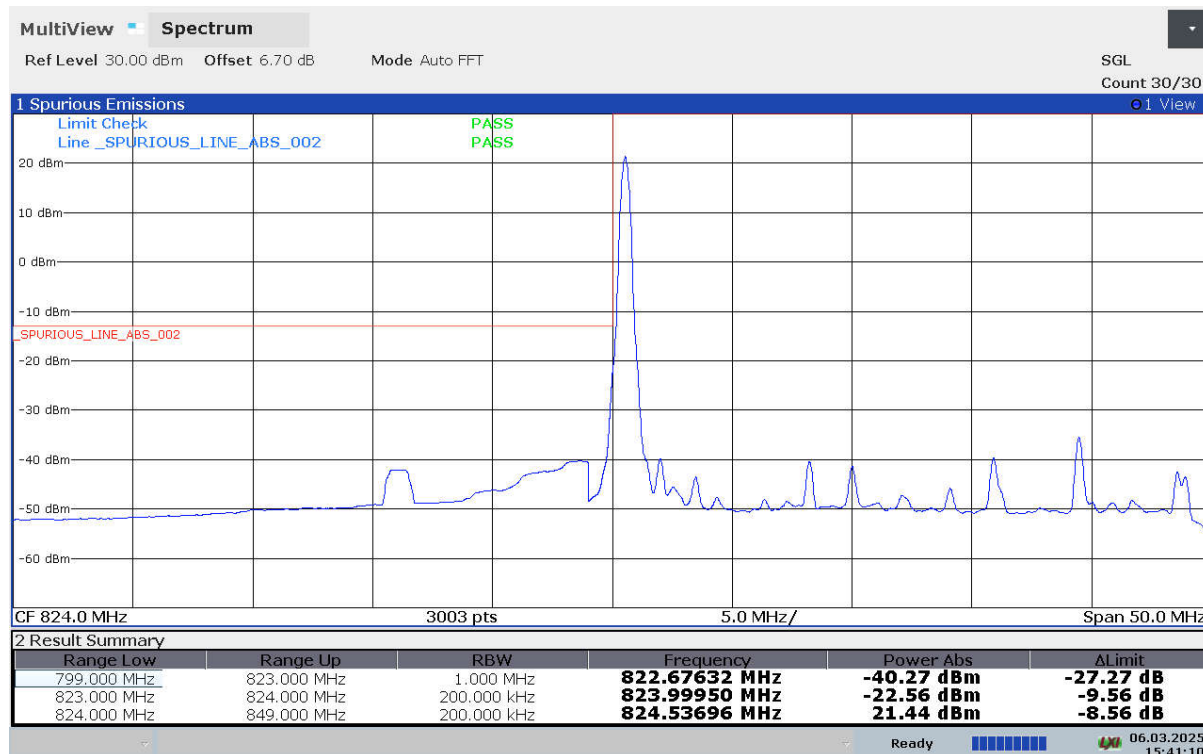


HIGH BAND EDGE BLOCK-20M-100%RB

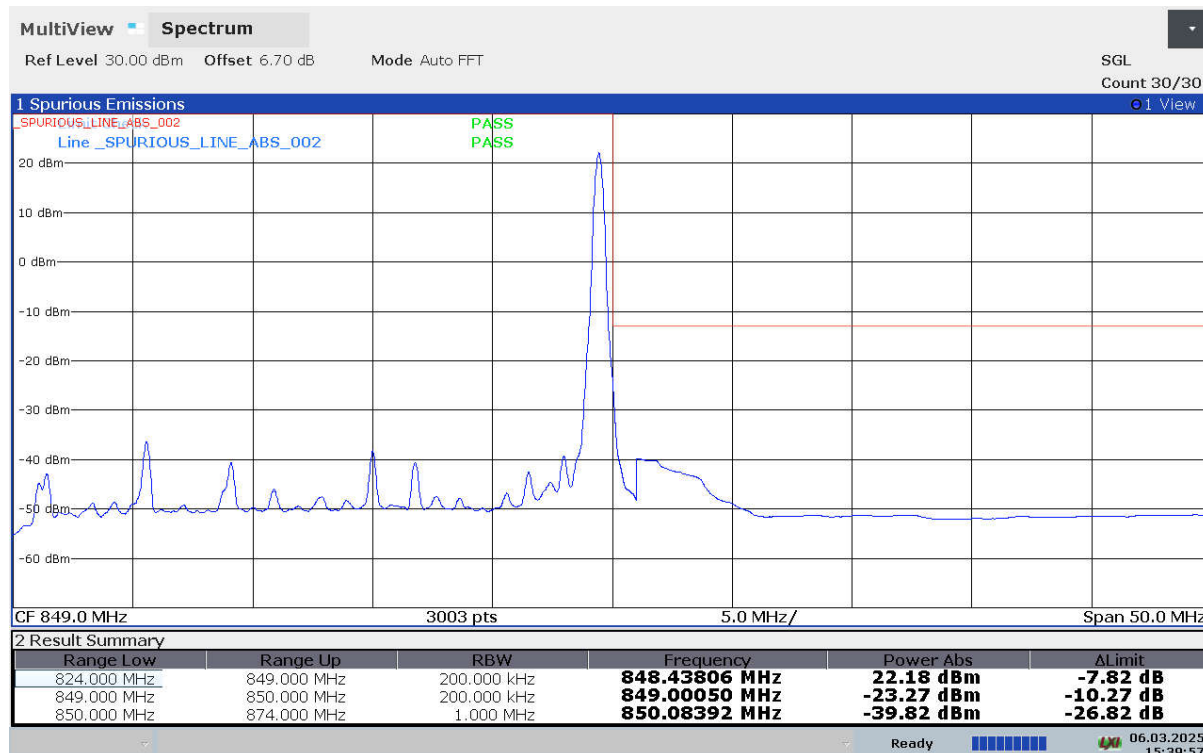


n5

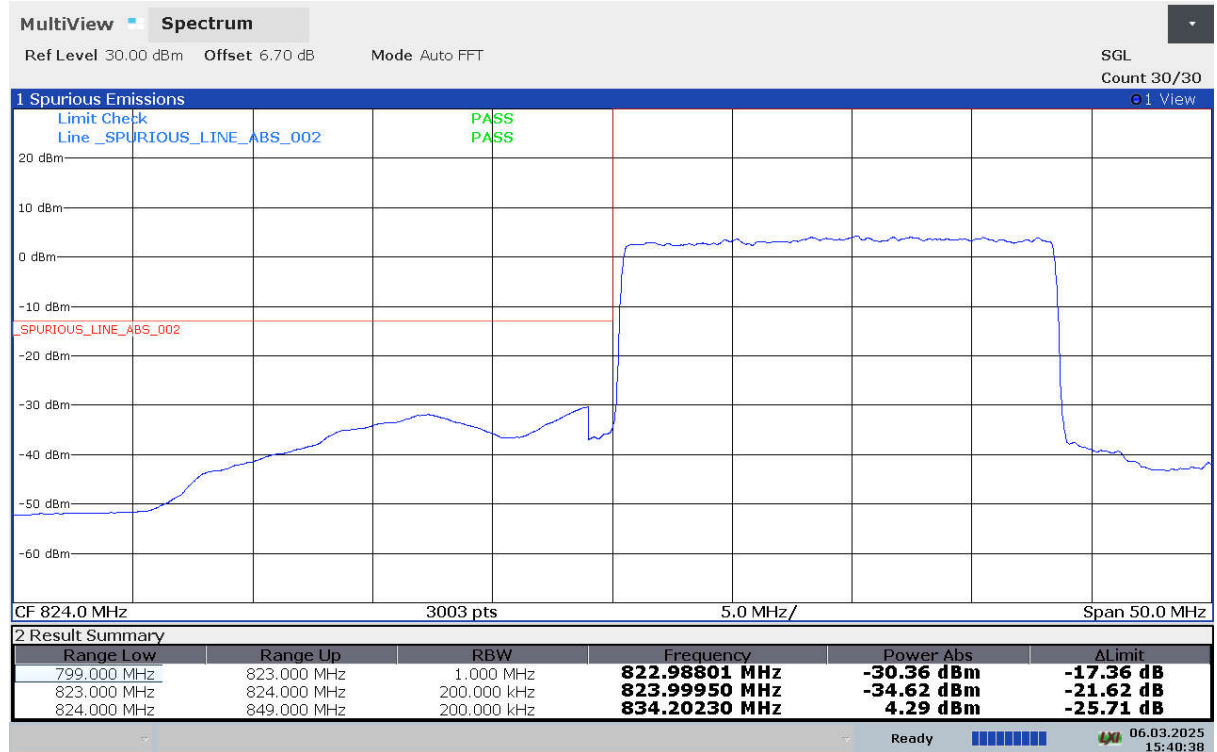
LOW BAND EDGE BLOCK-20M-1RB-LOW_offset



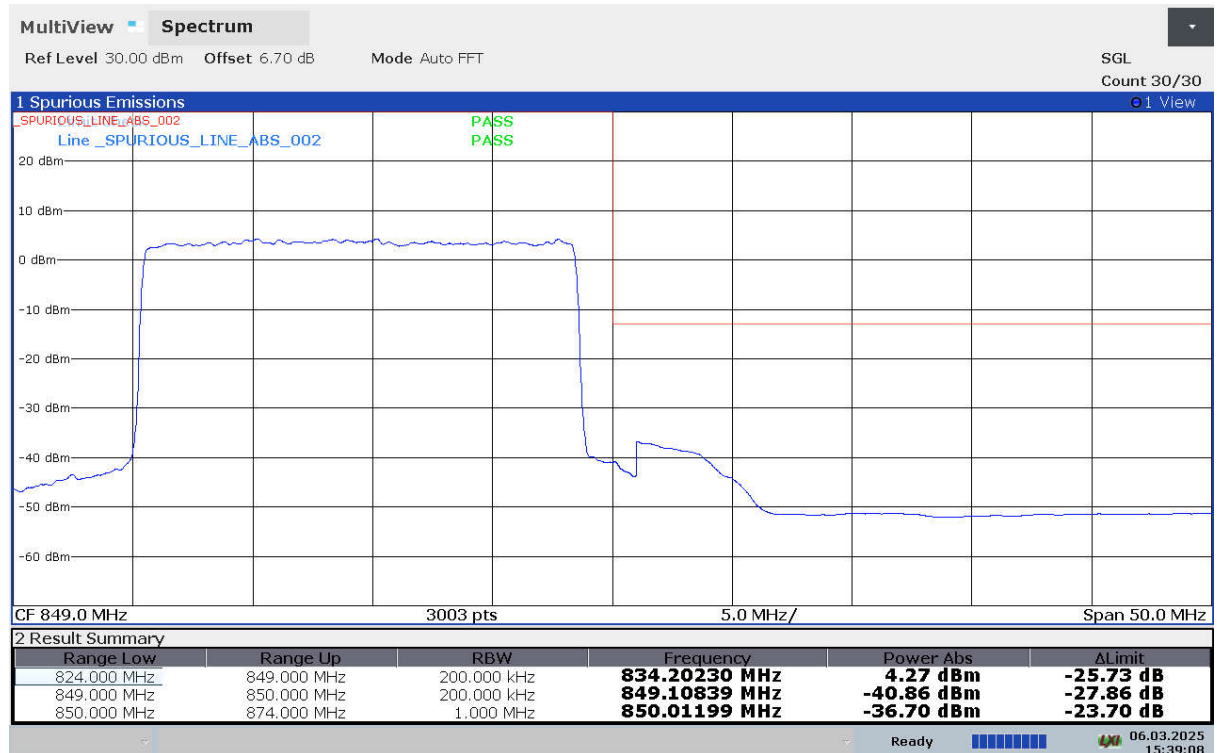
HIGH BAND EDGE BLOCK-20M-1RB-HIGH_offset



LOW BAND EDGE BLOCK-20M-100%RB

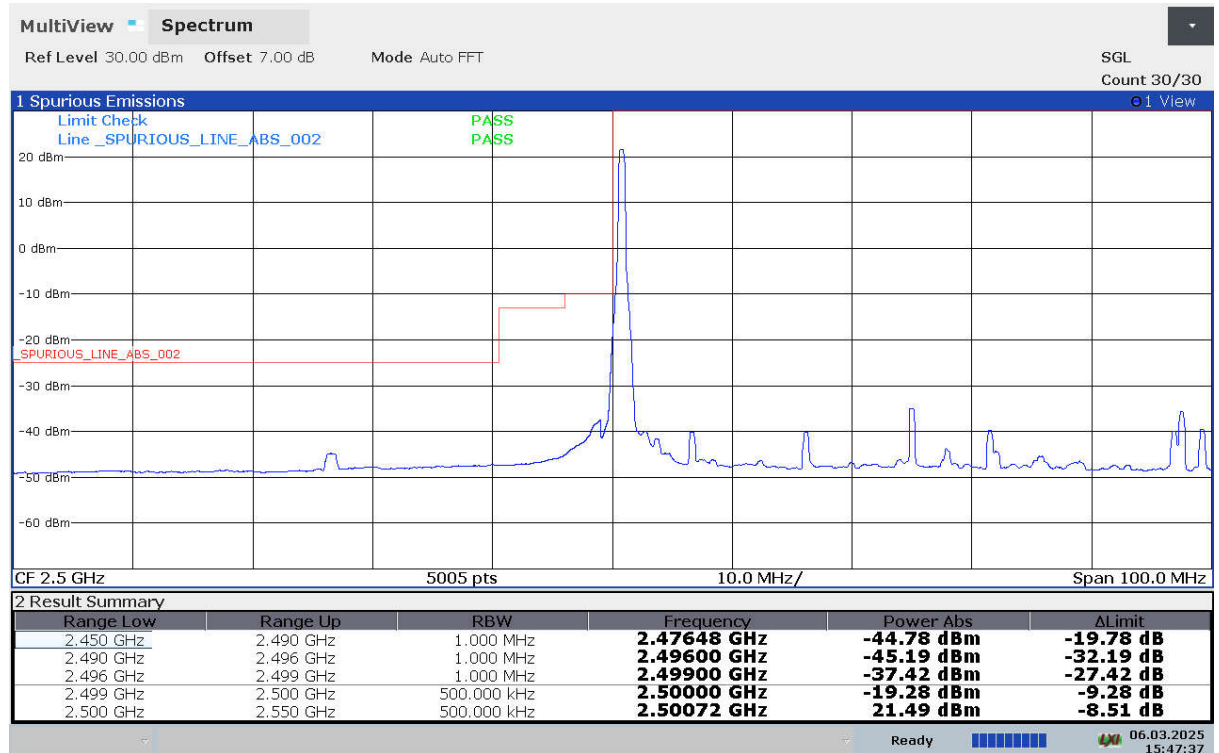


HIGH BAND EDGE BLOCK-20M-100%RB

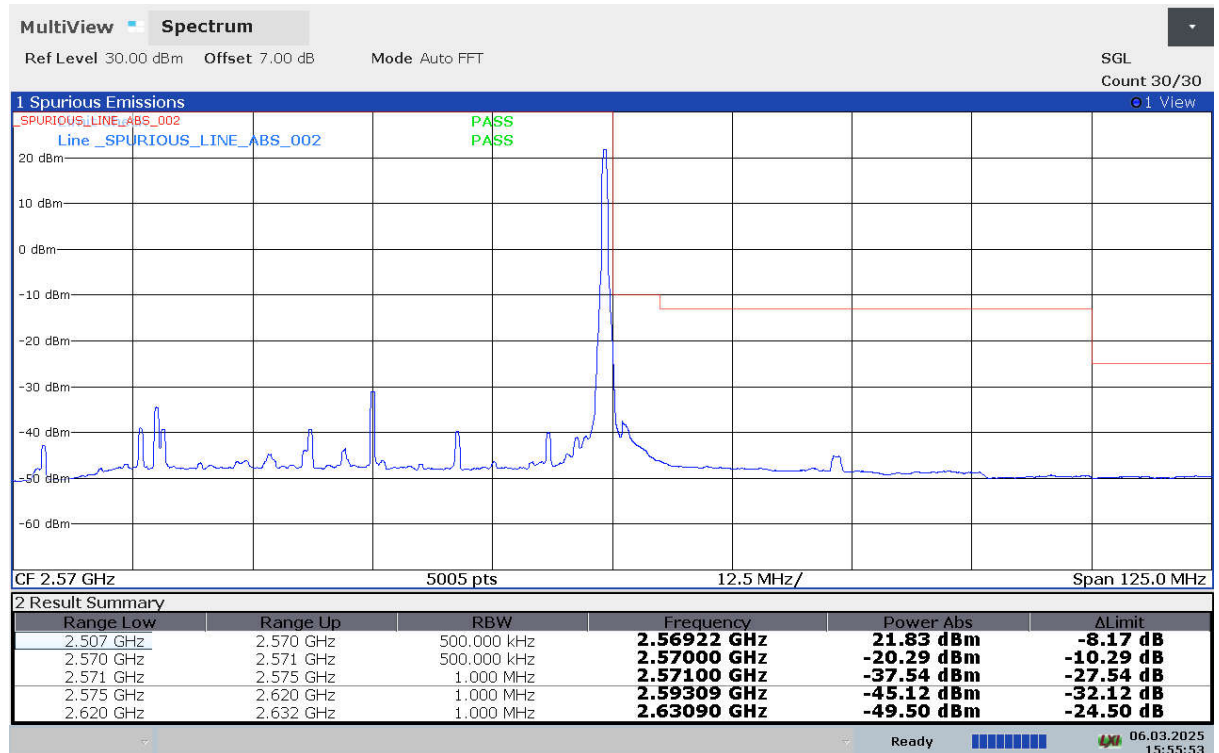


n7

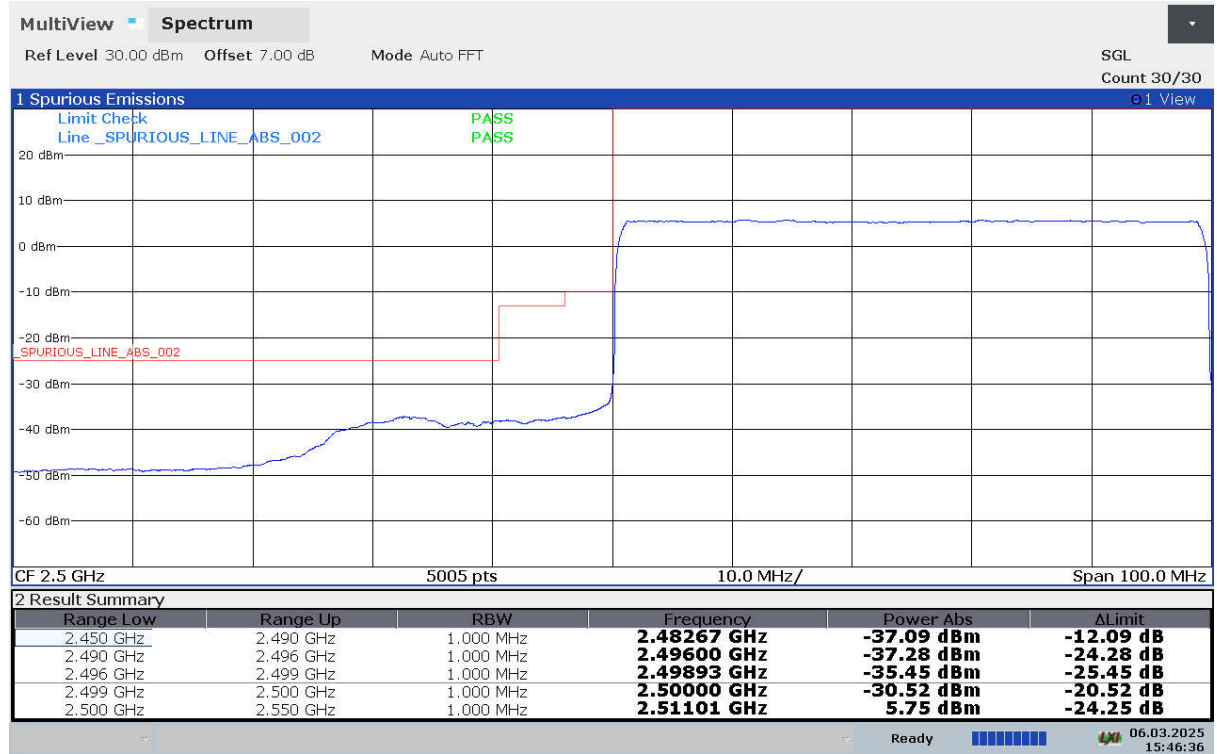
LOW BAND EDGE BLOCK-50M-1RB-LOW_offset



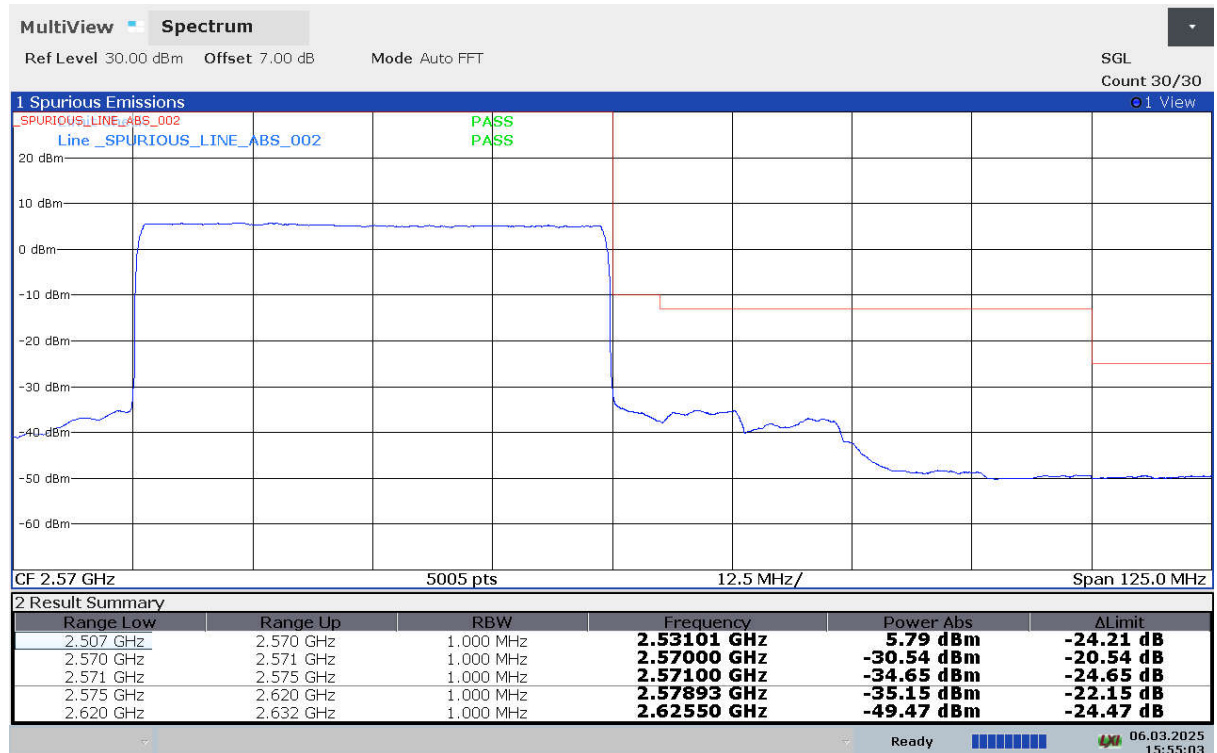
HIGH BAND EDGE BLOCK-50M-1RB-HIGH_offset



LOW BAND EDGE BLOCK-50M-100%RB

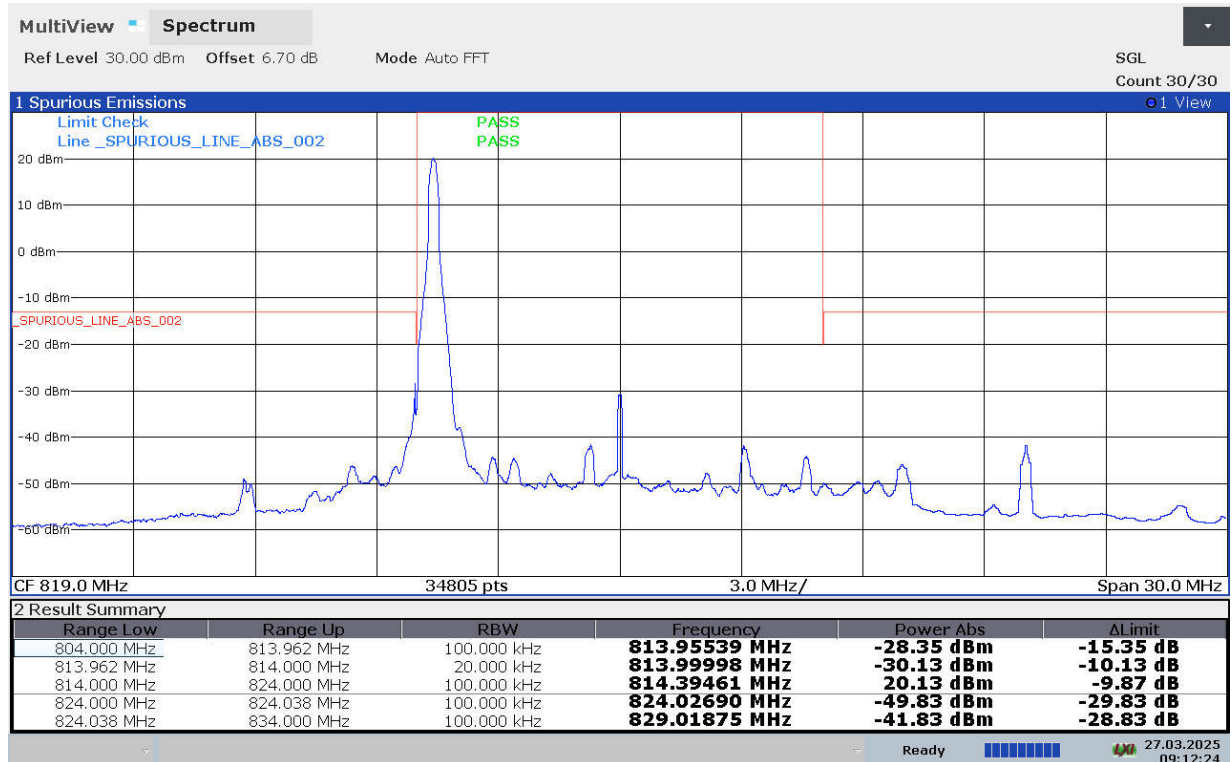


HIGH BAND EDGE BLOCK-50M-100%RB

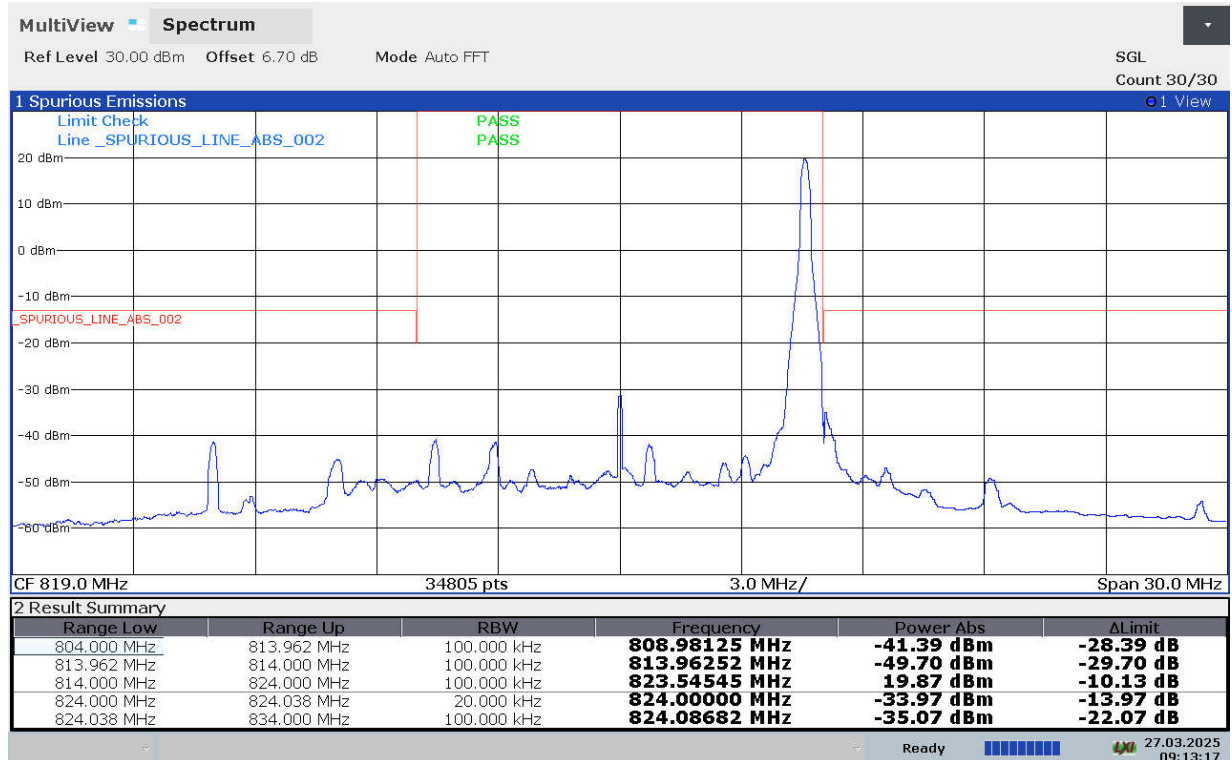


n26(814 MHz -824MHz)

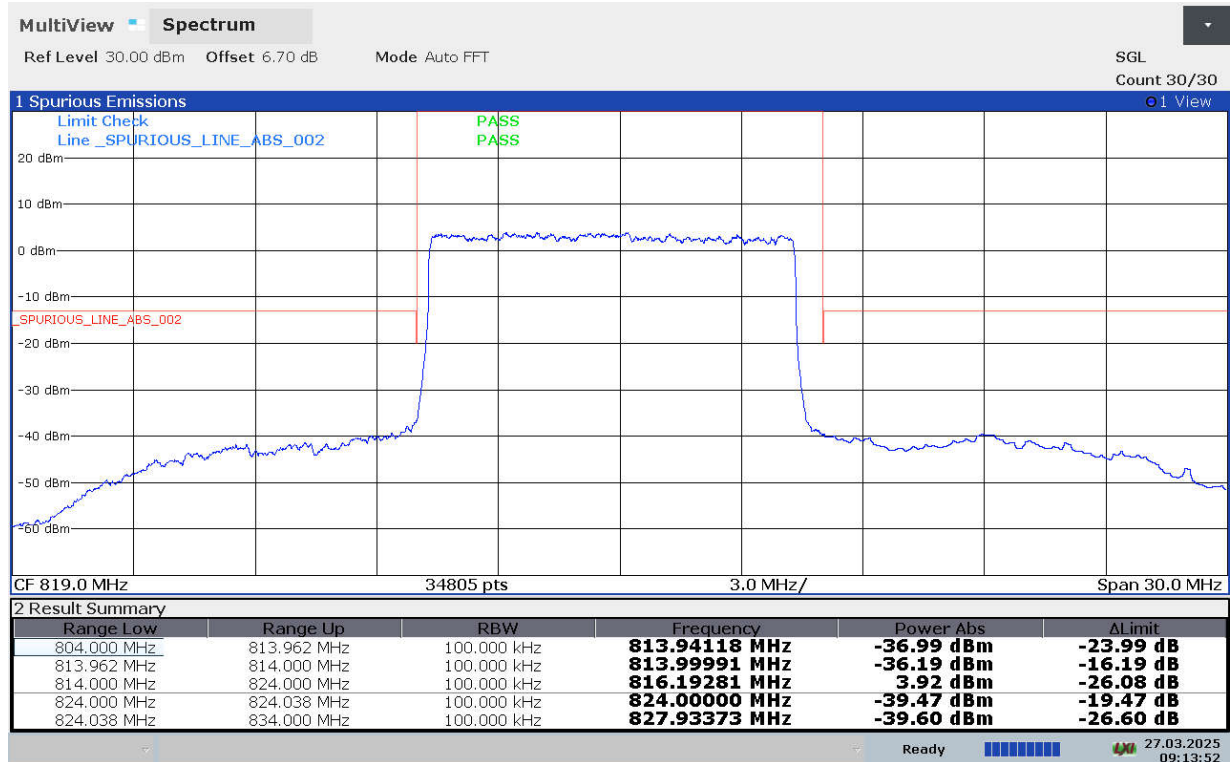
LOW BAND EDGE BLOCK-10M-1RB-LOW_offset



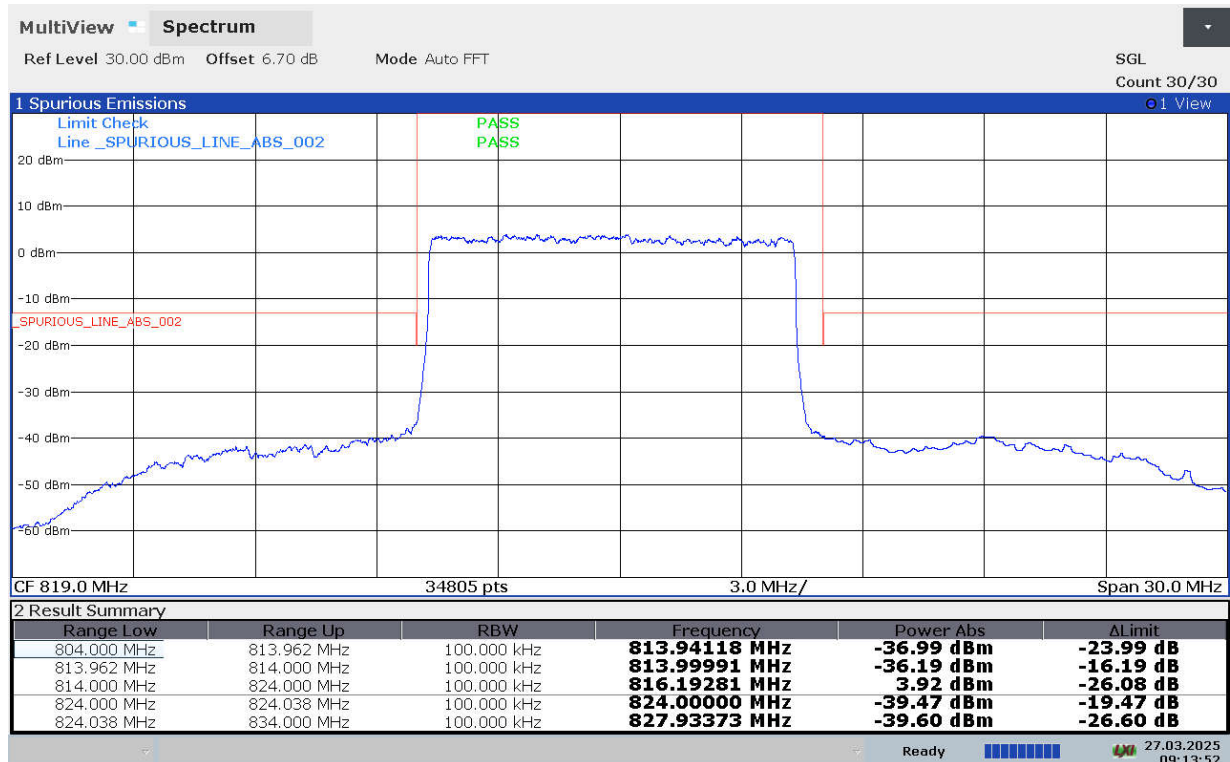
HIGH BAND EDGE BLOCK-10M-1RB-HIGH_offset



LOW BAND EDGE BLOCK-10M-100%RB

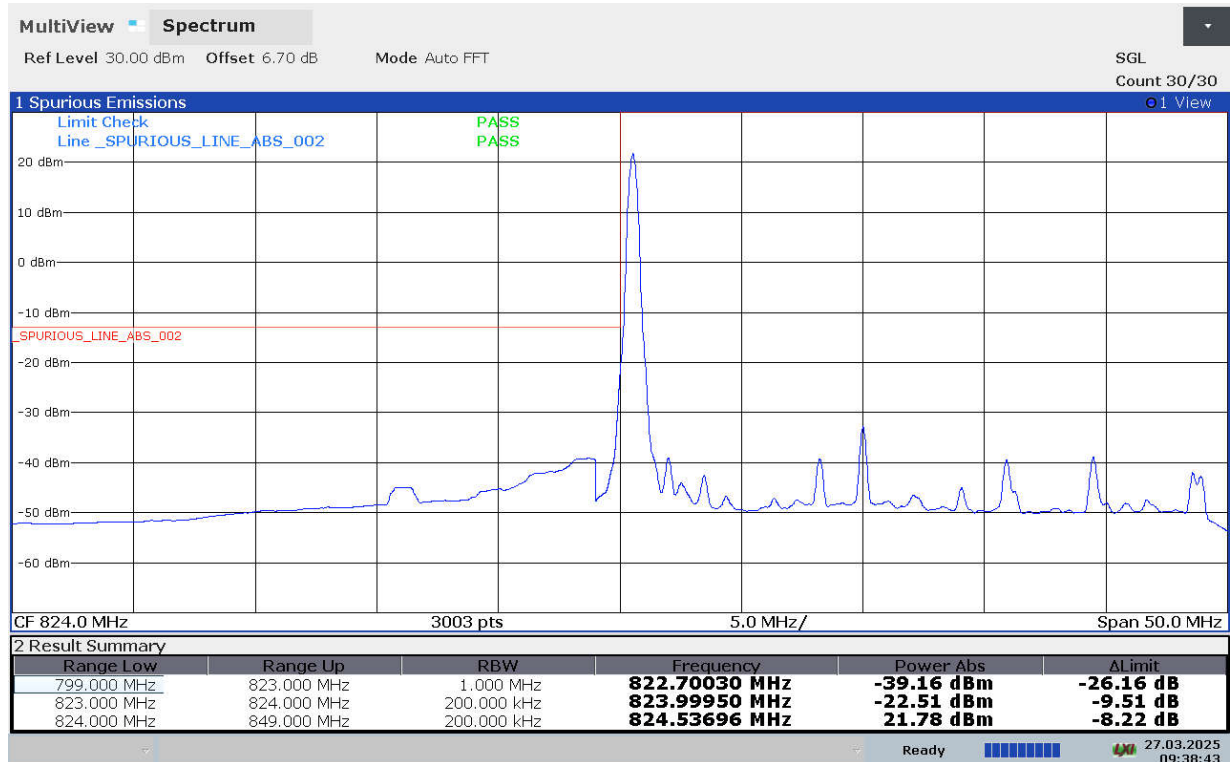


HIGH BAND EDGE BLOCK-10M-100%RB

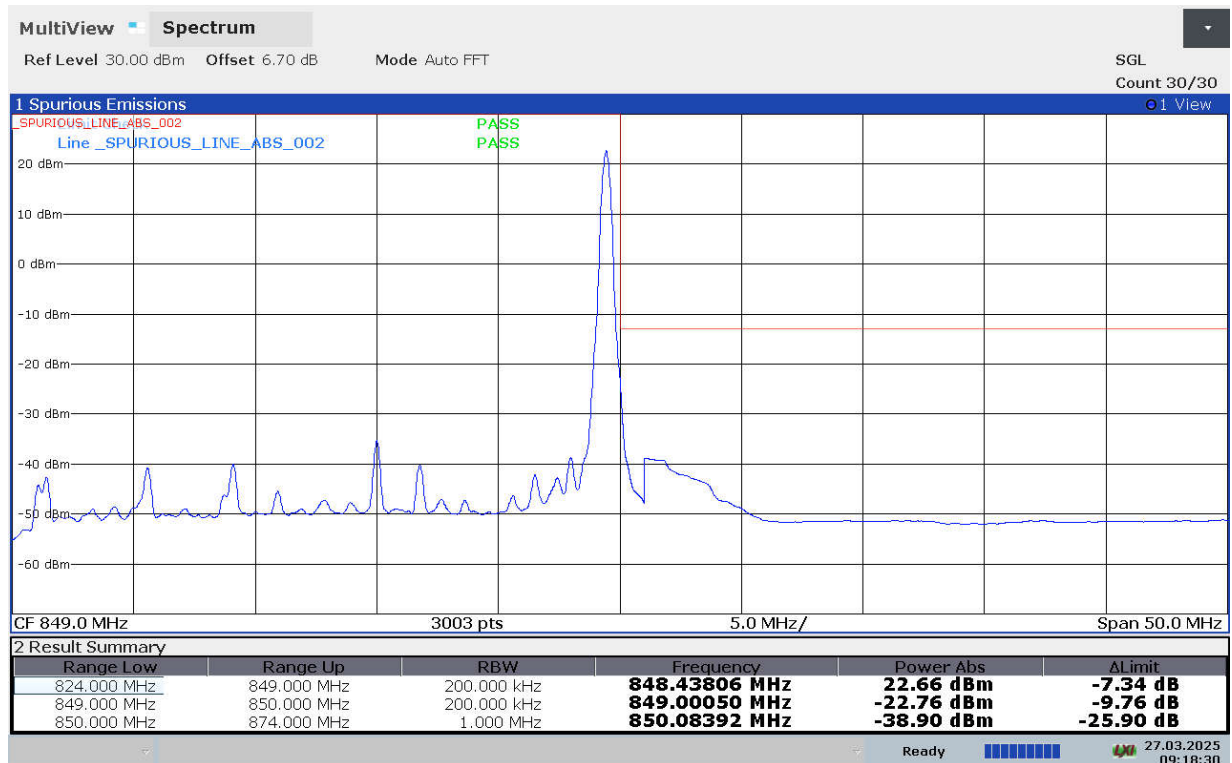


n26(824 MHz -849MHz)

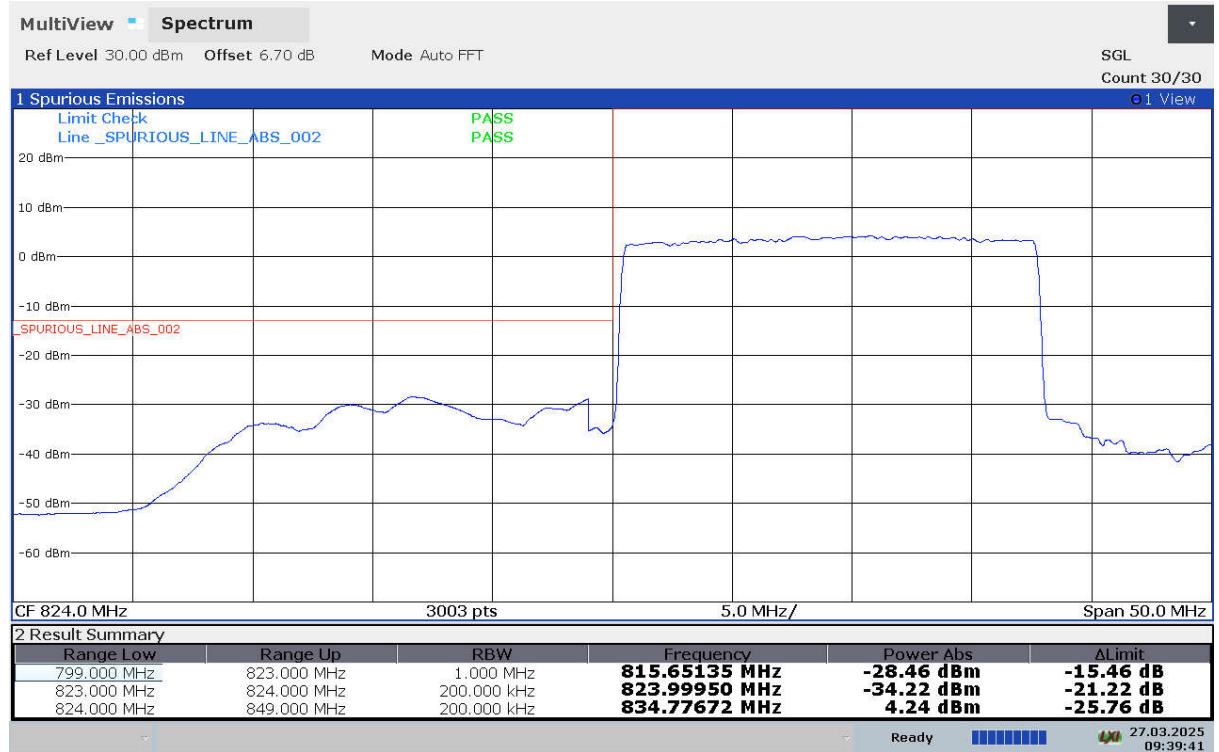
LOW BAND EDGE BLOCK-20M-1RB-LOW_offset



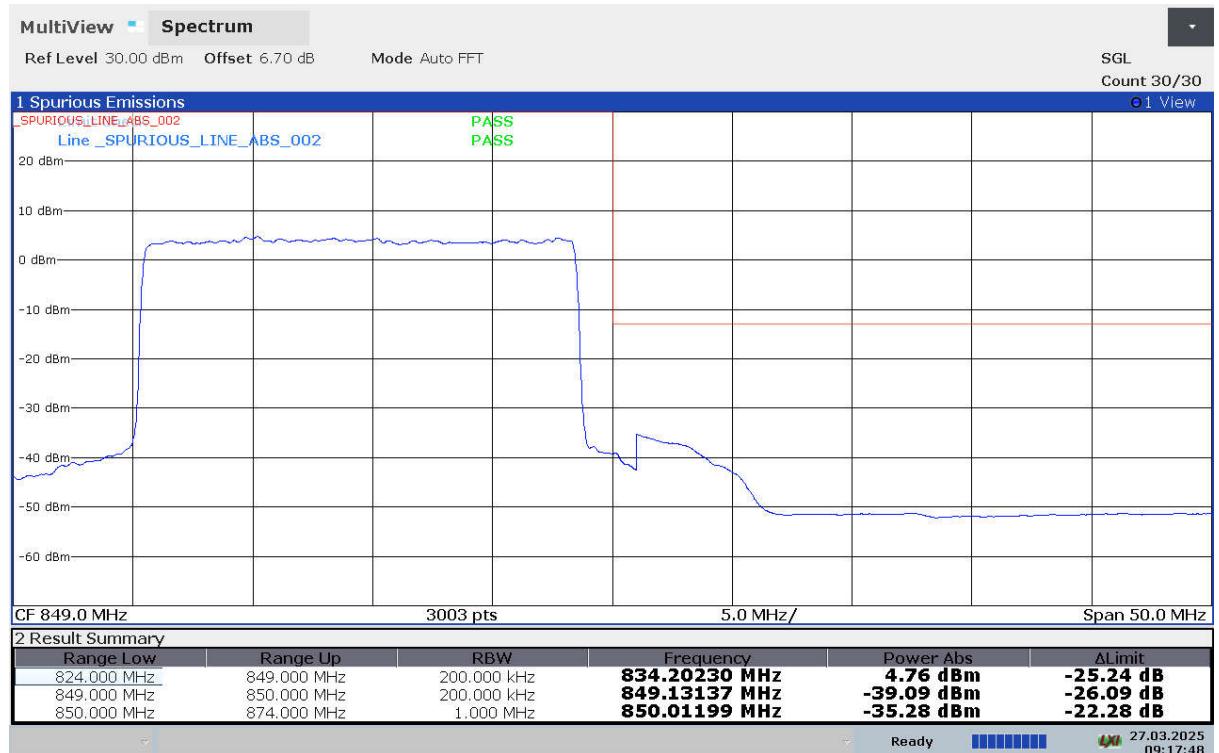
HIGH BAND EDGE BLOCK-20M-1RB-HIGH_offset



LOW BAND EDGE BLOCK-20M-100%RB

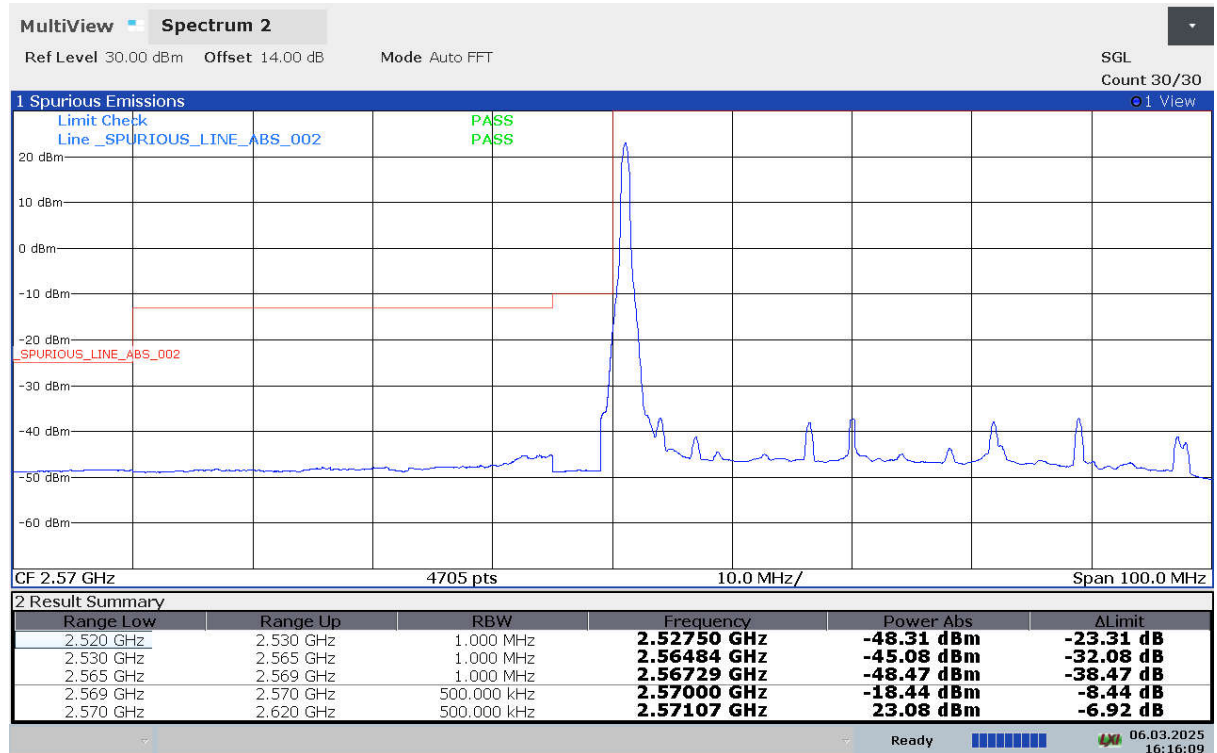


HIGH BAND EDGE BLOCK-20M-100%RB

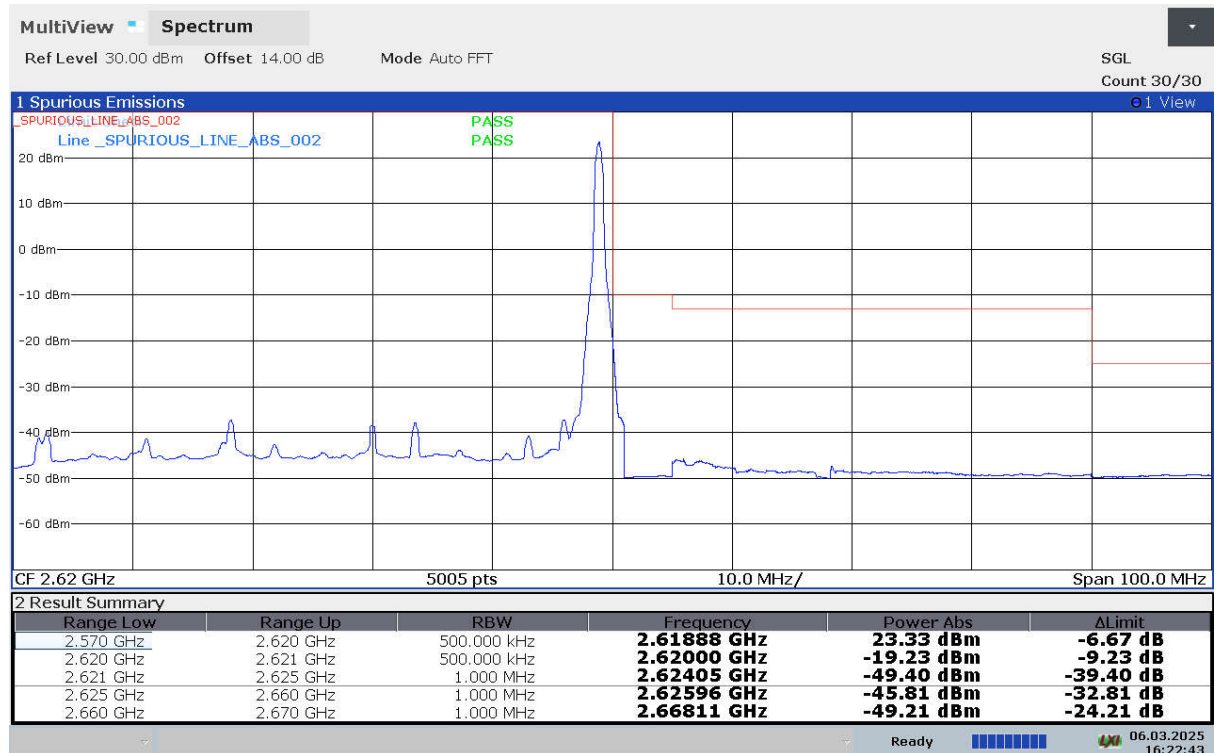


n38

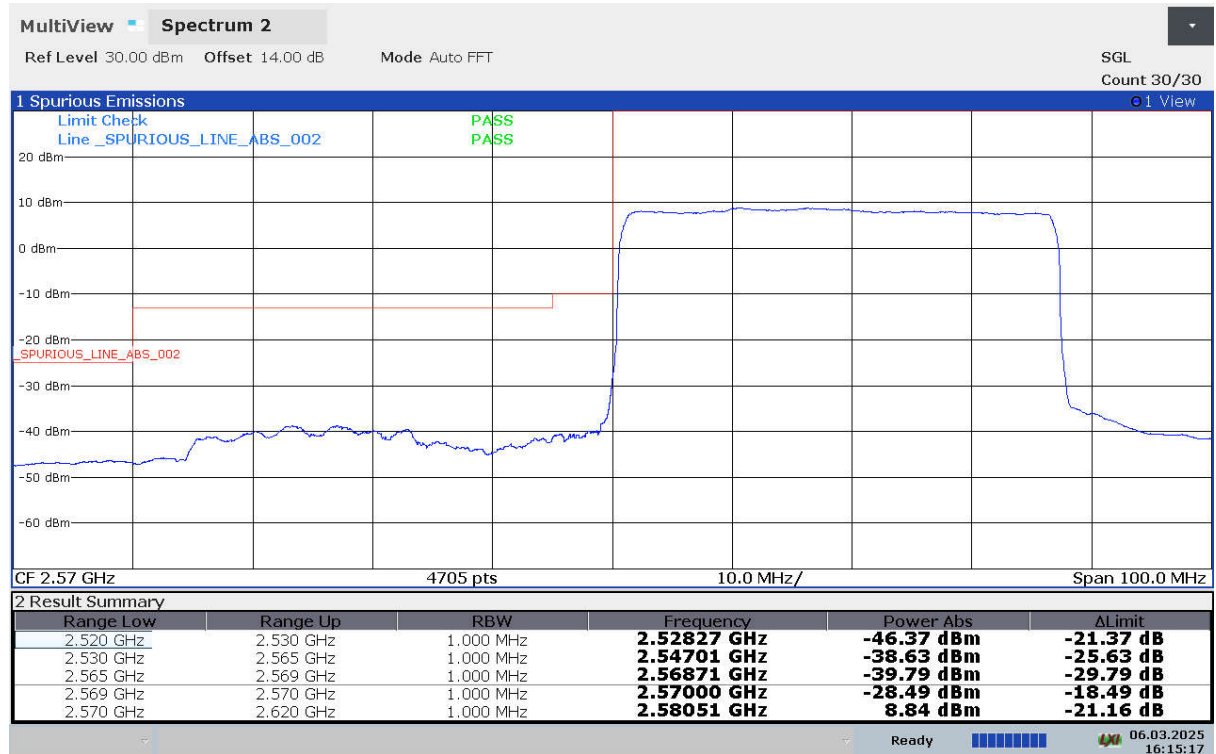
LOW BAND EDGE BLOCK-40M-1RB-LOW_offset



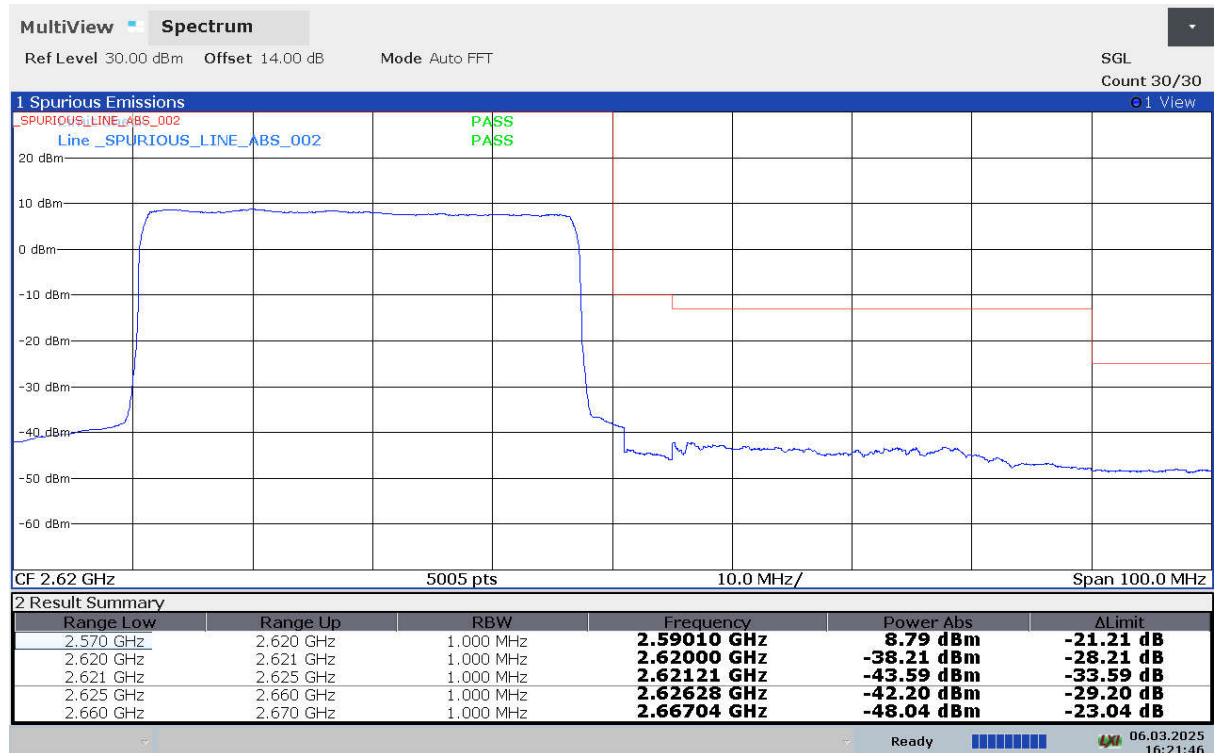
HIGH BAND EDGE BLOCK-40M-1RB-HIGH_offset



LOW BAND EDGE BLOCK-40M-100%RB

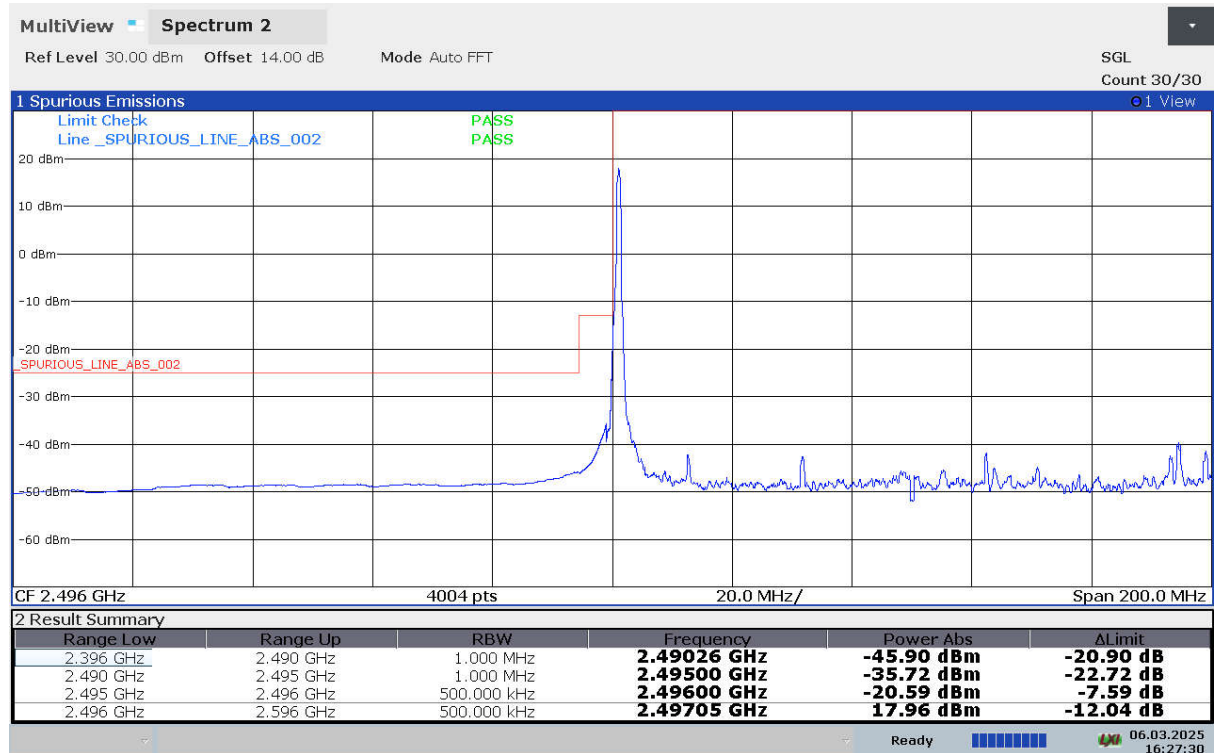


HIGH BAND EDGE BLOCK-40M-100%RB

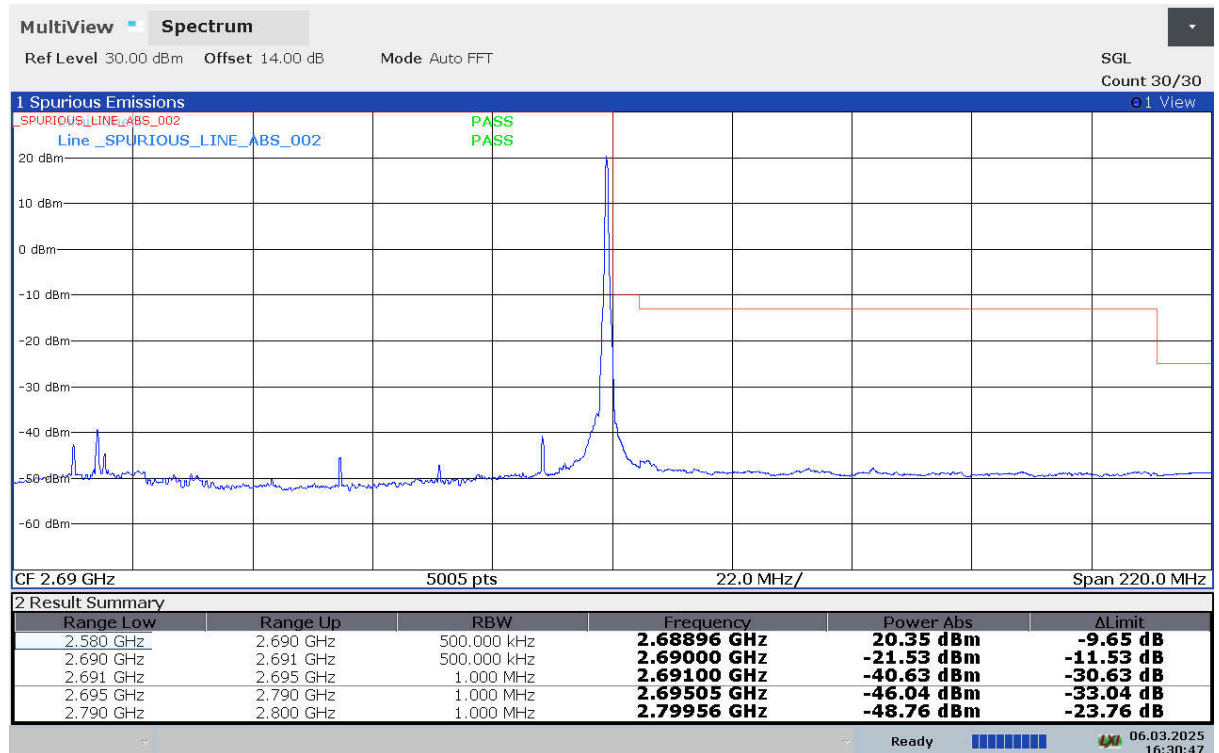


n41

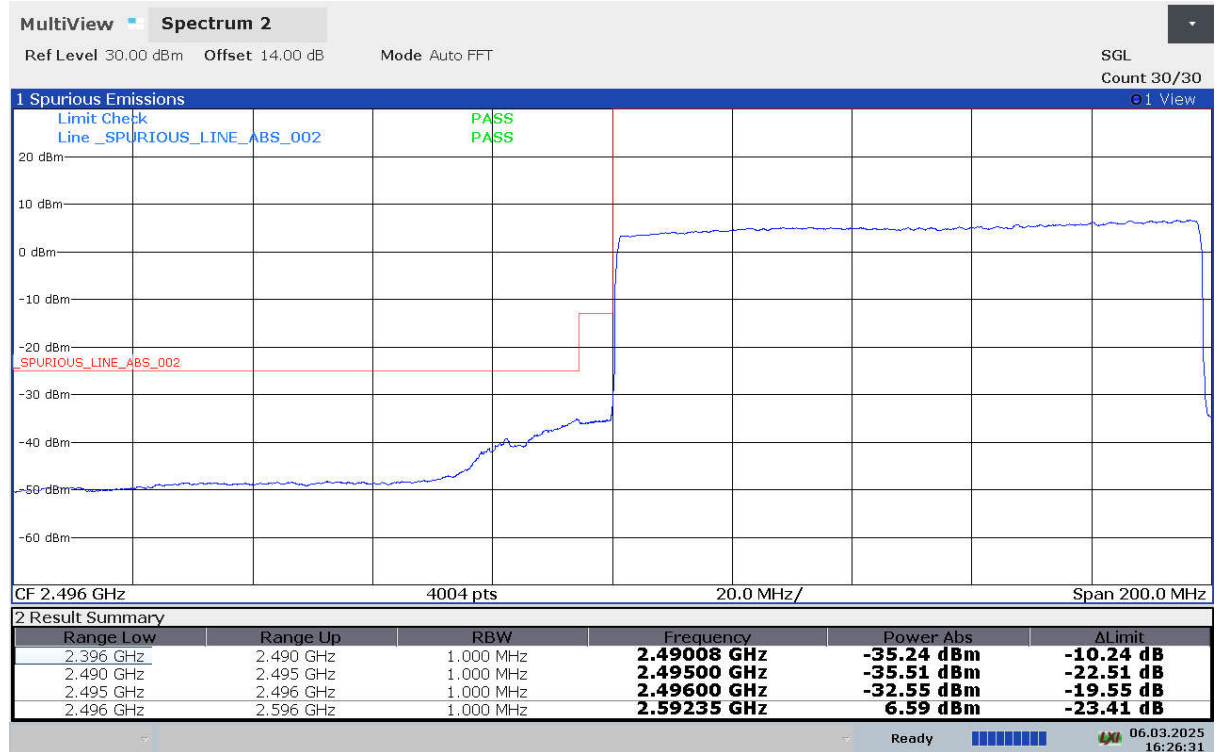
LOW BAND EDGE BLOCK-100M-1RB-LOW_offset



HIGH BAND EDGE BLOCK-100M-1RB-HIGH_offset



LOW BAND EDGE BLOCK-100M-100%RB



HIGH BAND EDGE BLOCK-100M-100%RB

