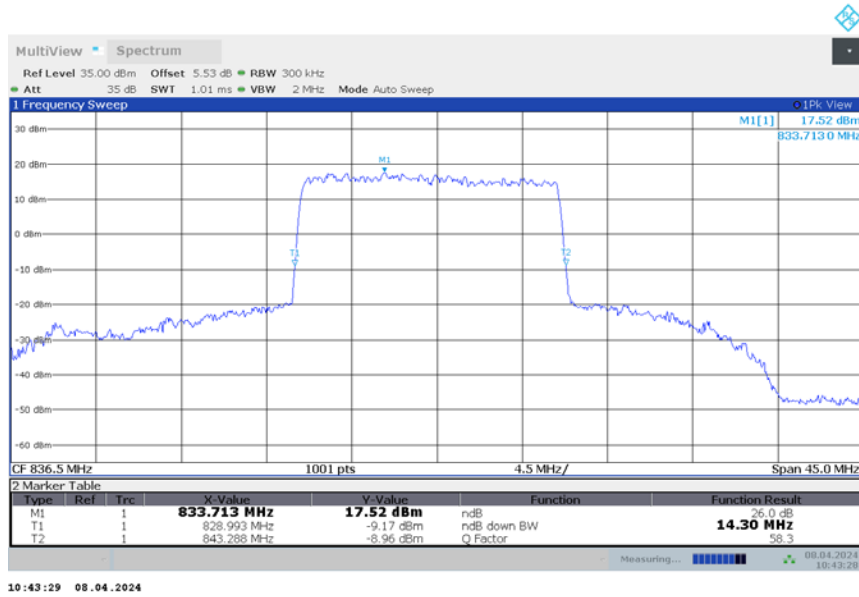


n26_Part22

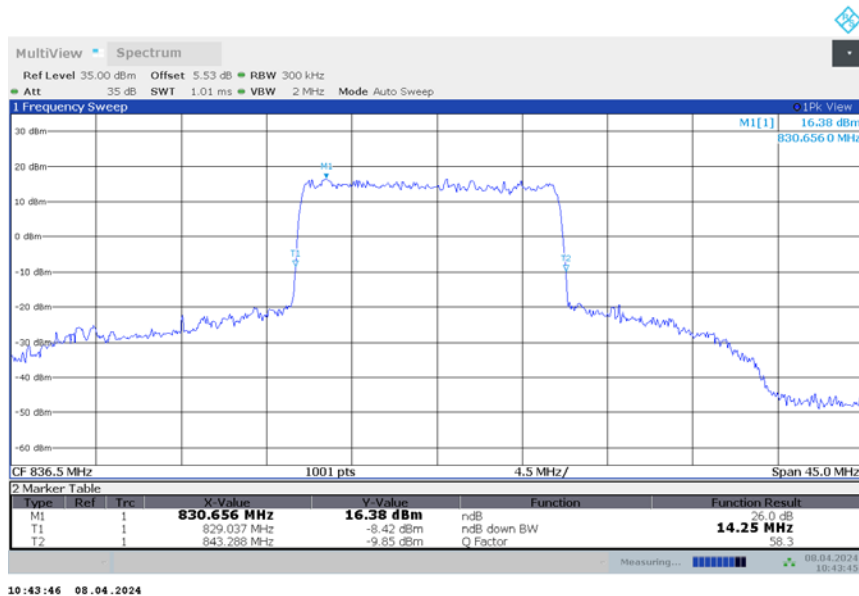
n26_Part22,15MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
836.5	14.296	14.251

n26_Part22,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n26_Part22,15MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

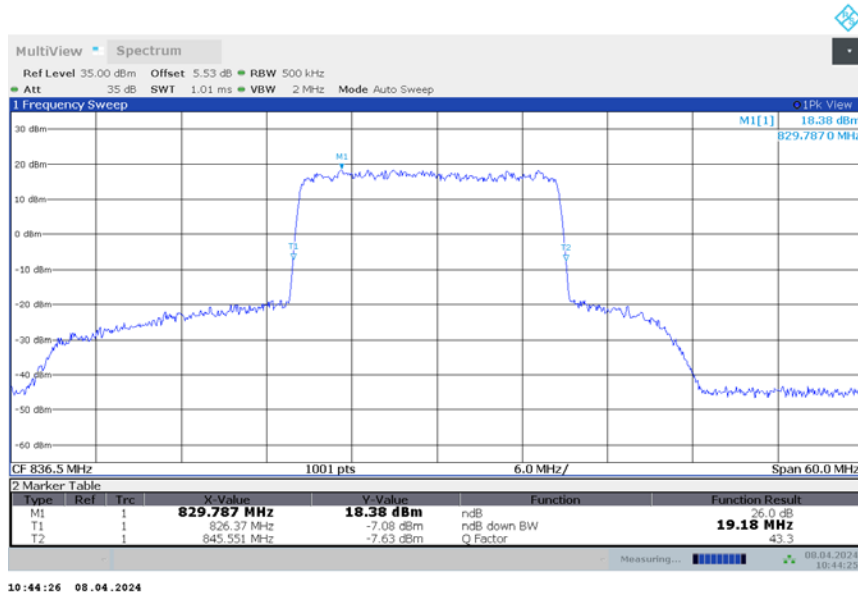


n26_Part22

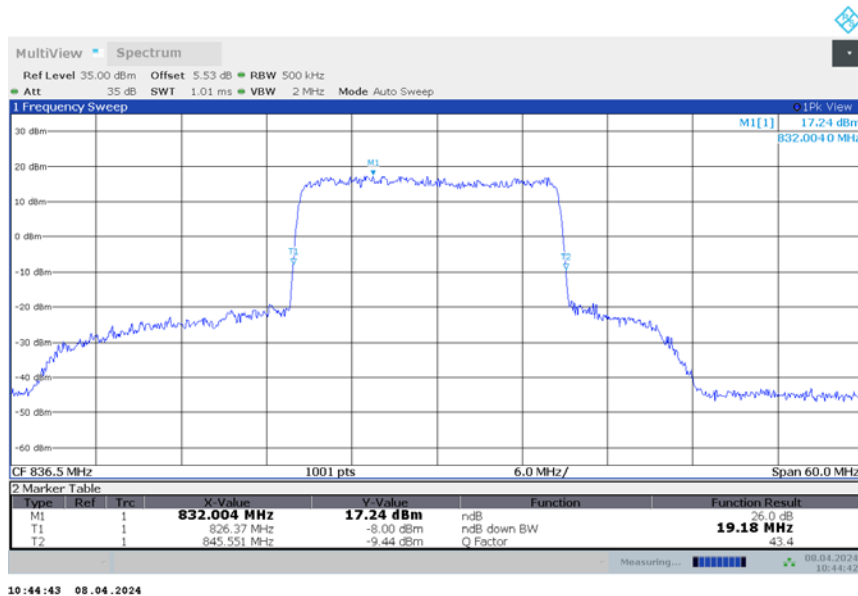
n26_Part22,20MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
836.5	19.181	19.181

n26_Part22,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n26_Part22,20MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

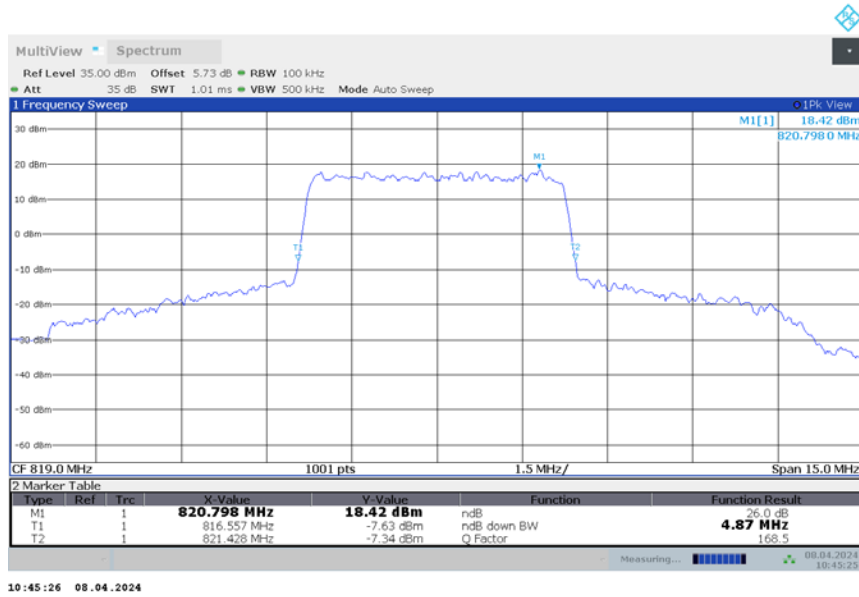


n26_Part90

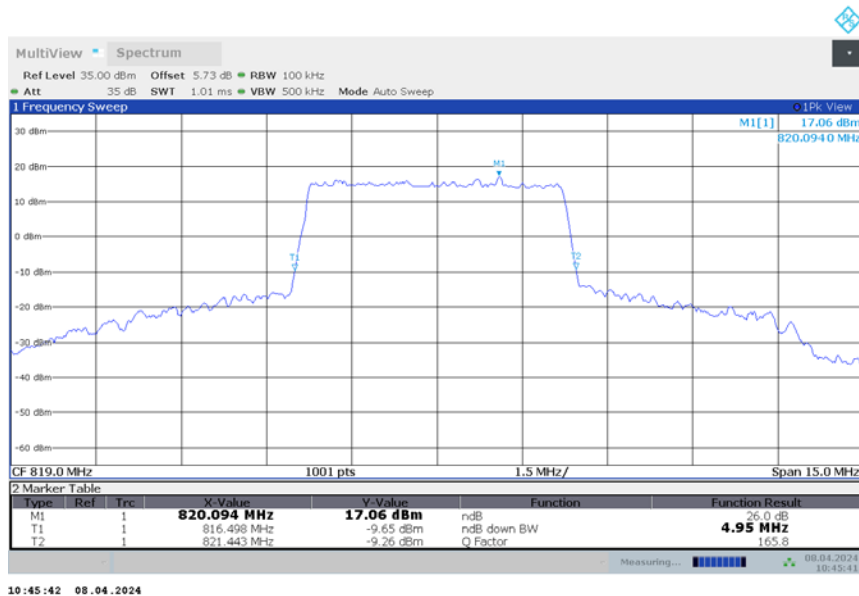
n26_Part90,5MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
819	4.870	4.945

n26_Part90,5MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



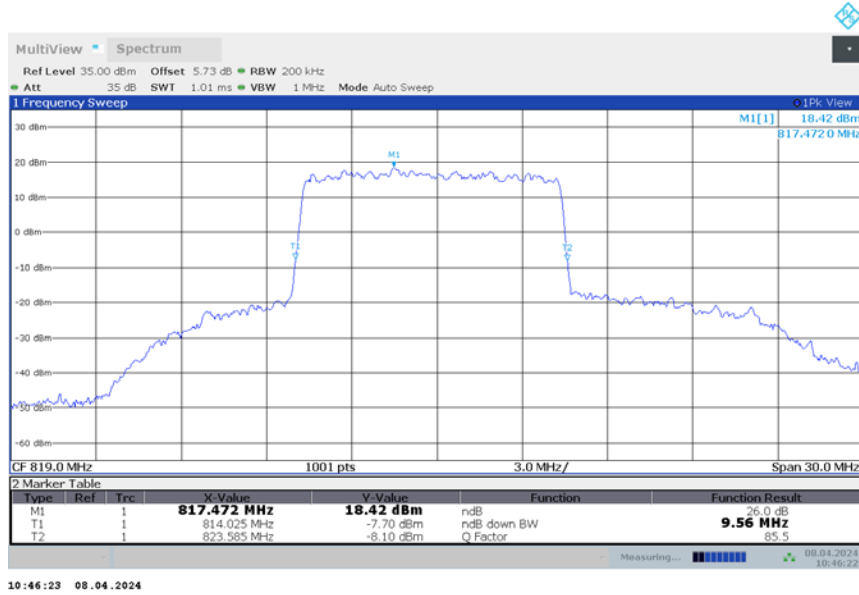
n26_Part90,5MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



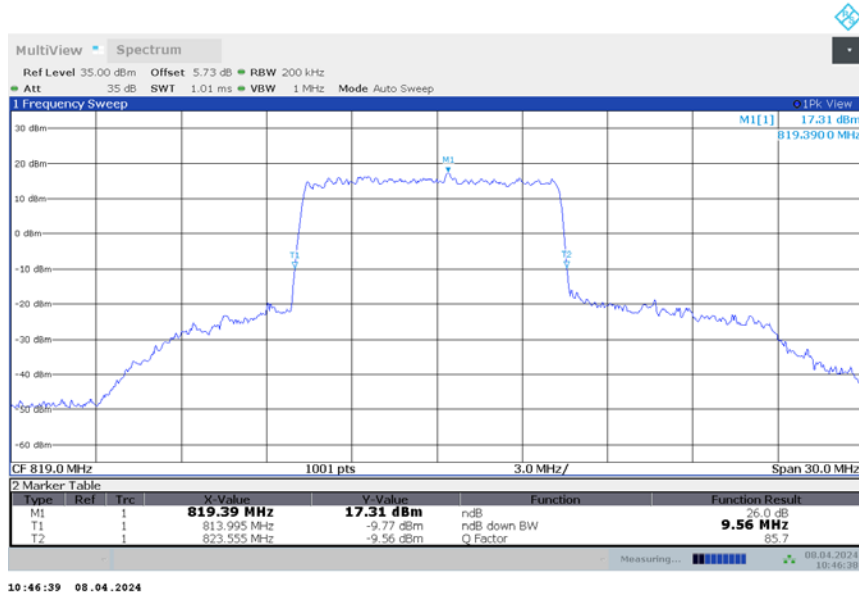
n26_Part90
n26_Part90,10MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
819	9.560	9.560

n26_Part90,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n26_Part90,10MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

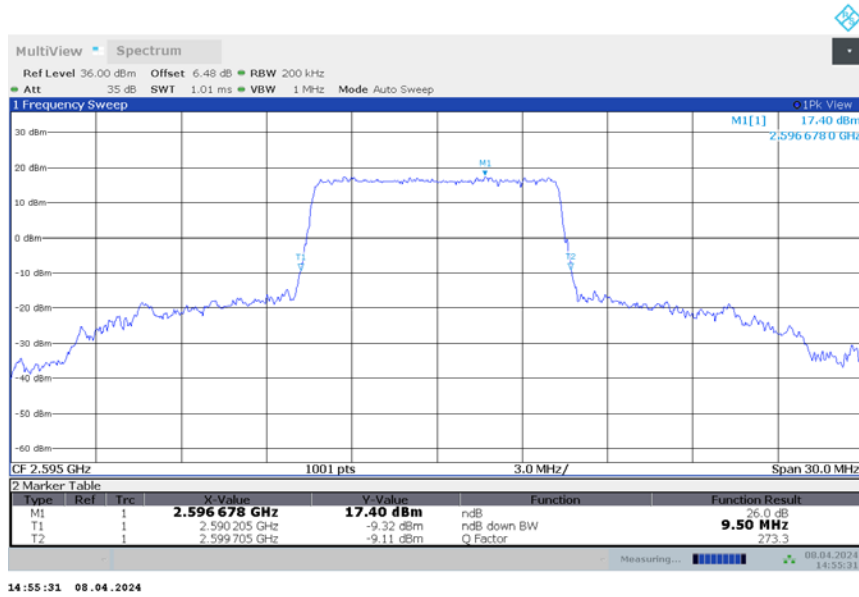


n38

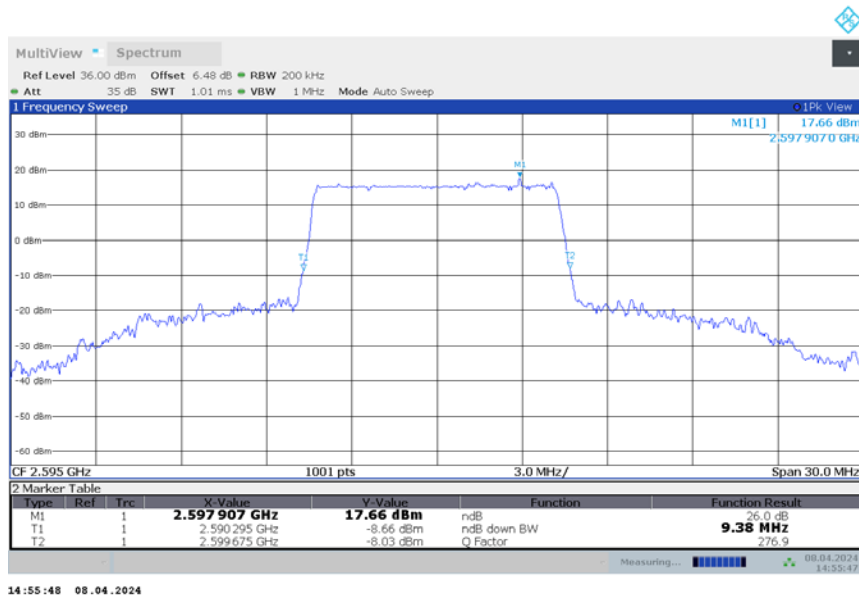
n38,10MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
2595	9.500	9.381

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



n38,10MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

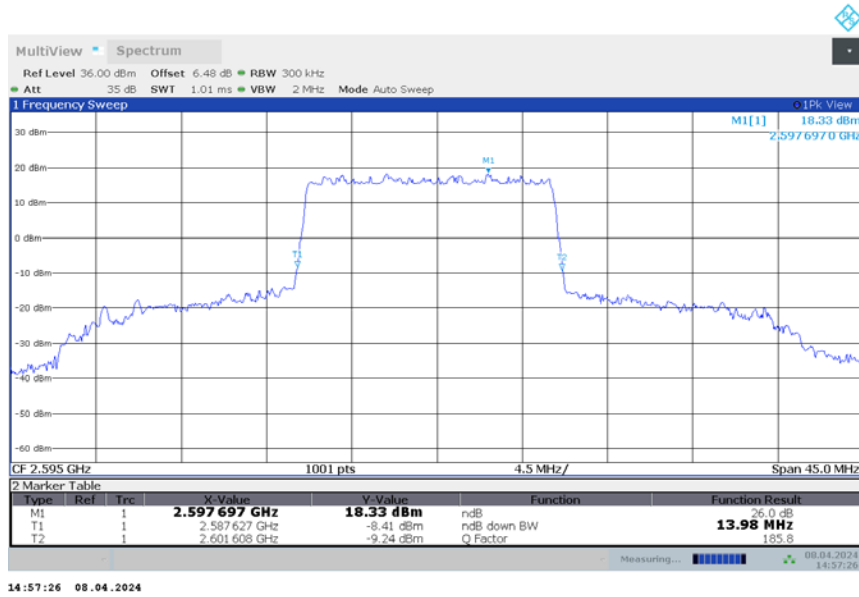


n38

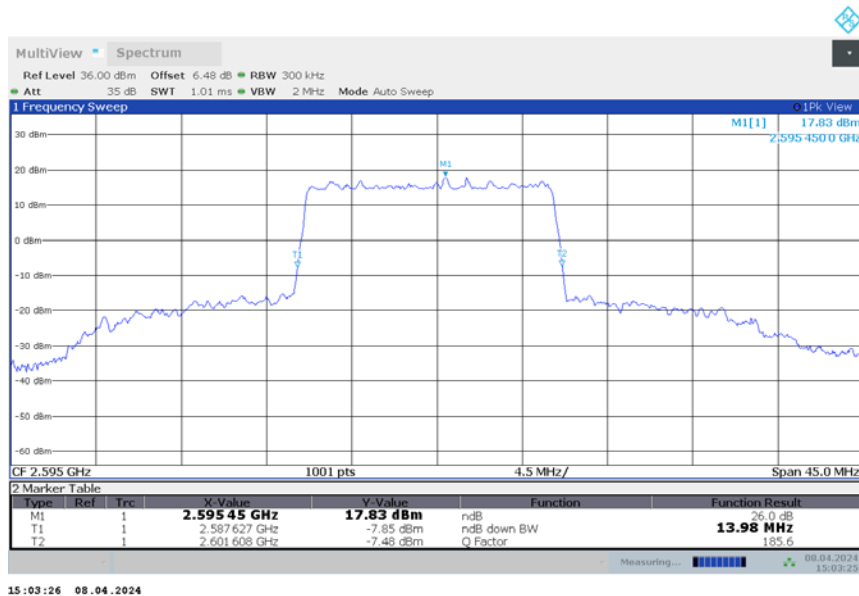
n38,15MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
2595	13.981	13.981

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



n38,15MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

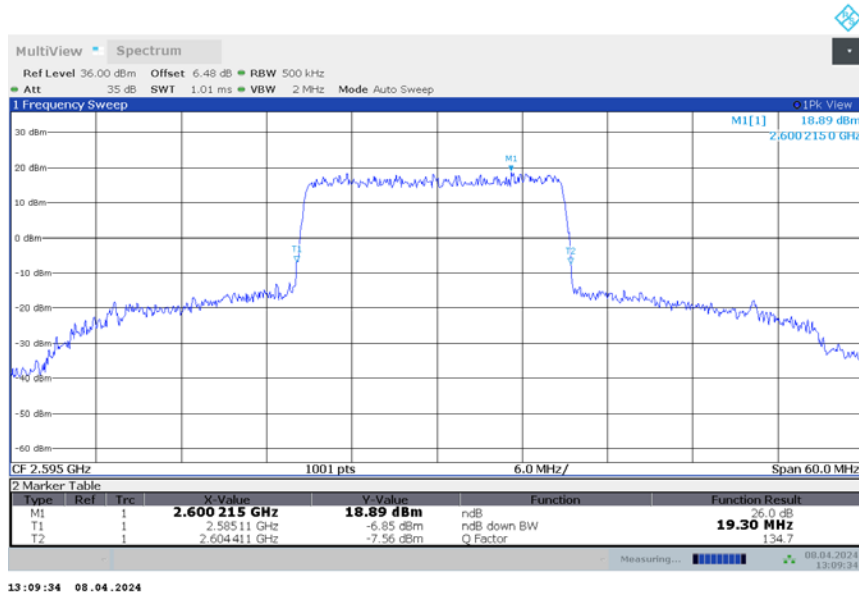


n38

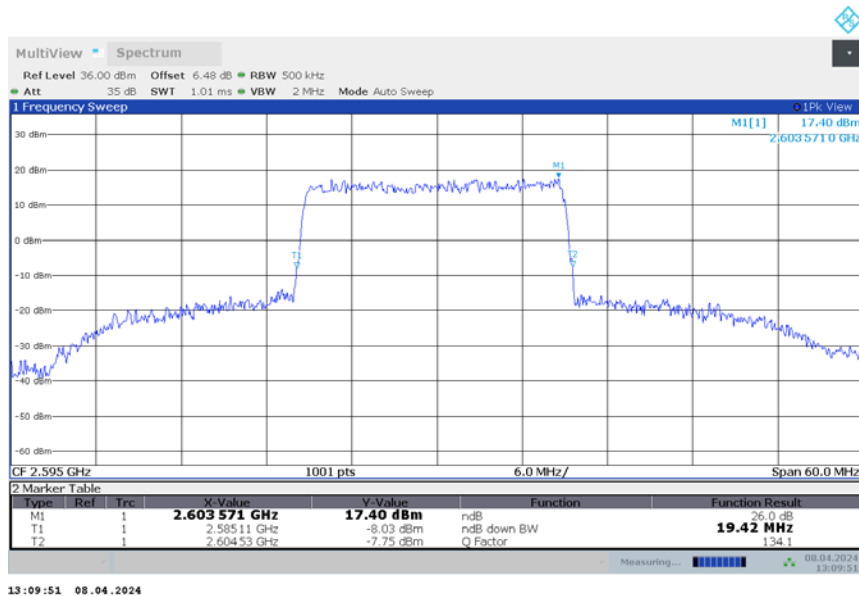
n38,20MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
2595	19.301	19.421

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



n38,20MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

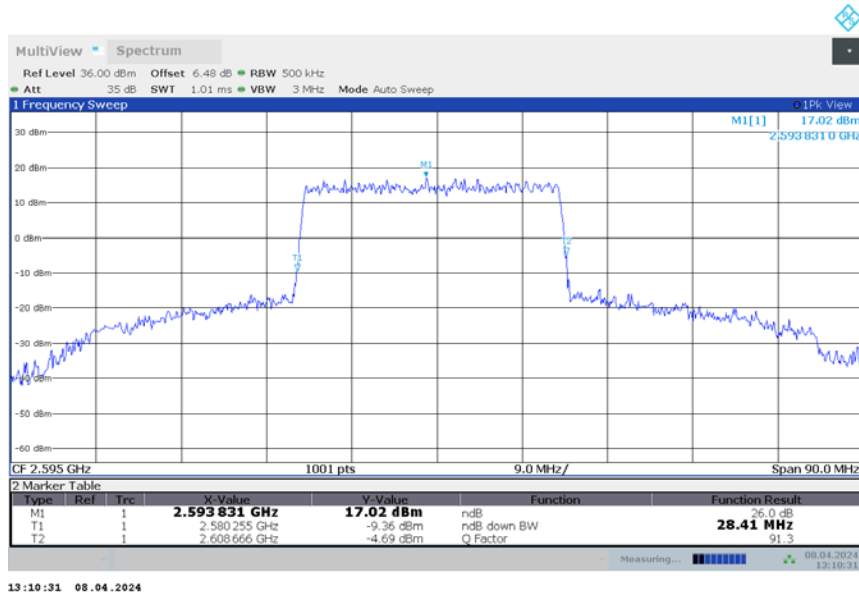


n38

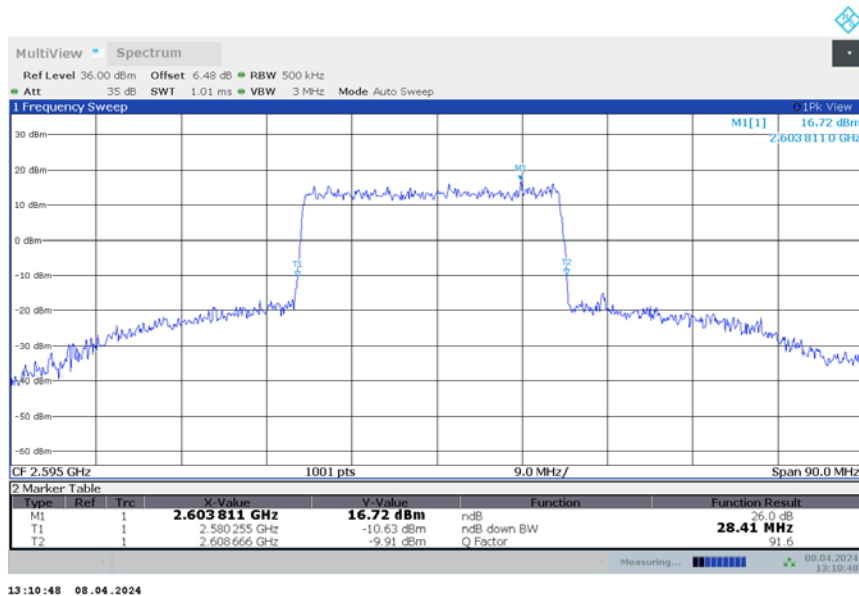
n38,30MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
2595	28.412	28.412

n38,30MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n38,30MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

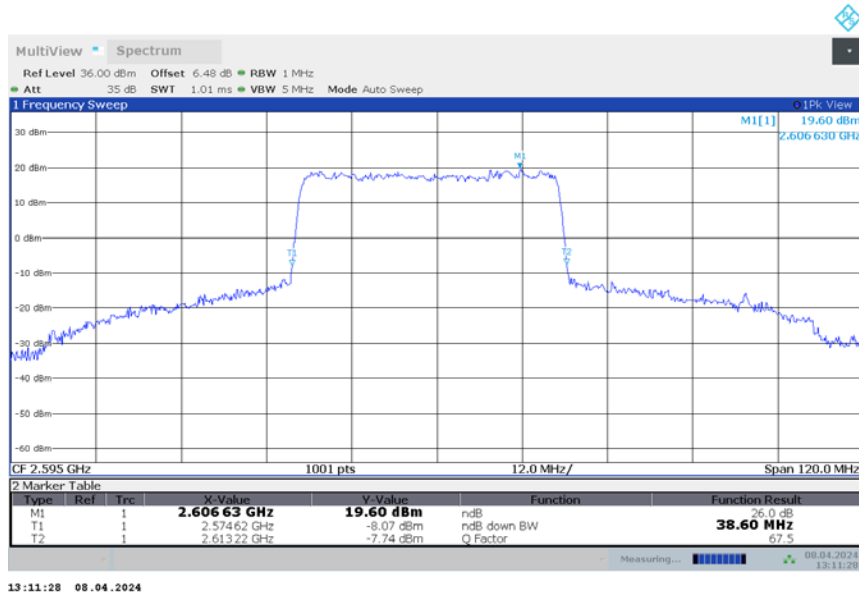


n38

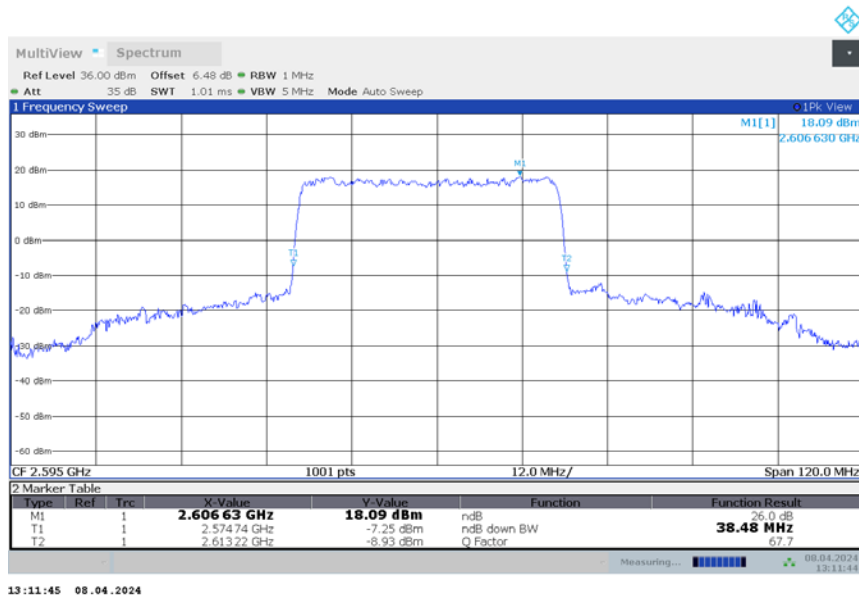
n38,40MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
2595	38.600	38.480

n38,40MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n38,40MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

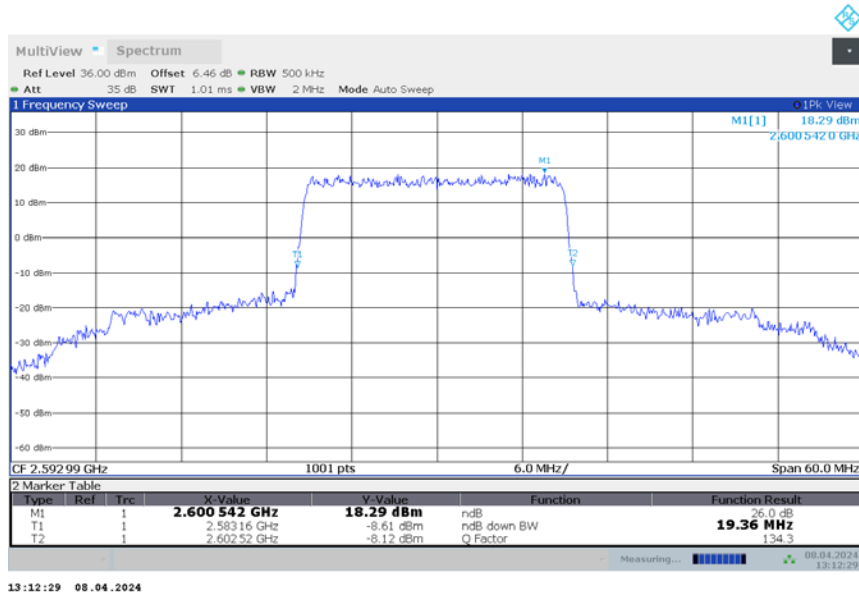


n41

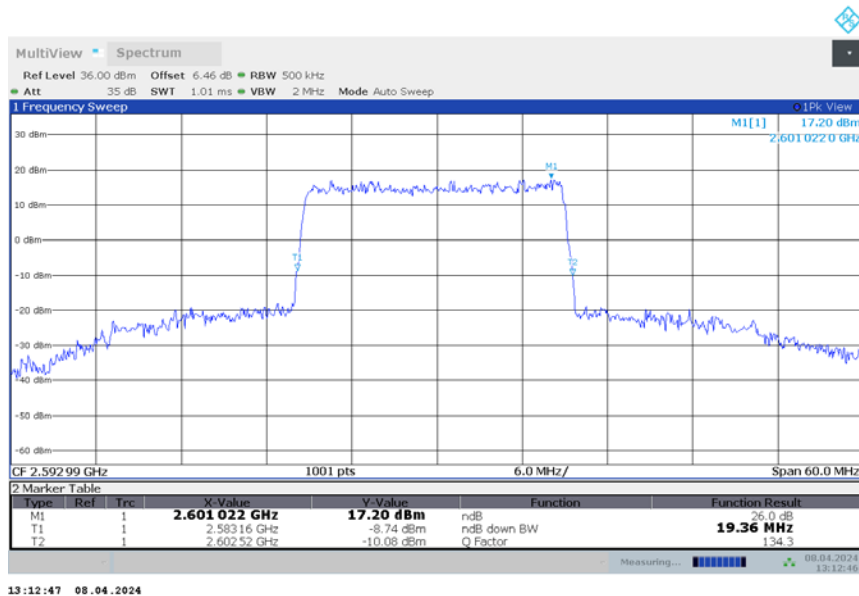
n41,20MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
2592.99	19.361	19.361

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



n41,20MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

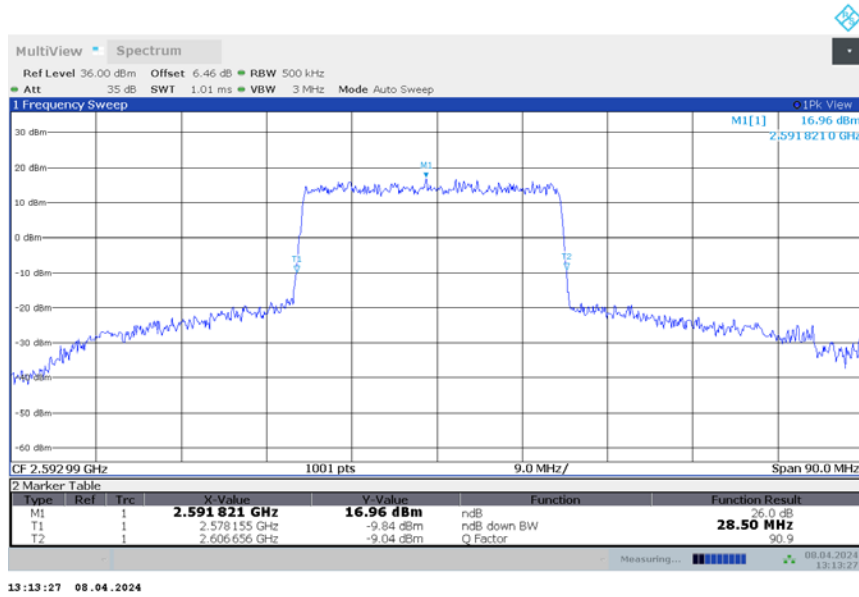


n41

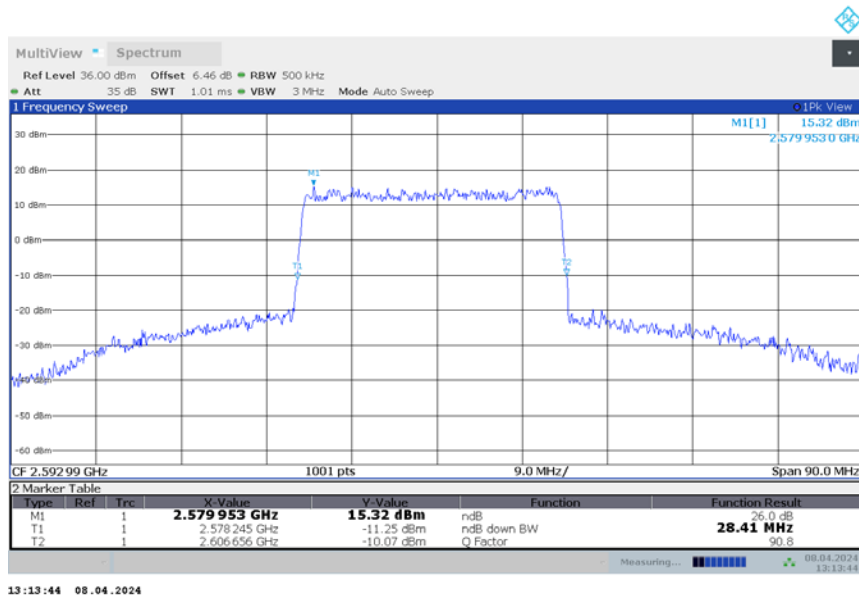
n41,30MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
2592.99	28.501	28.412

n41,30MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n41,30MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

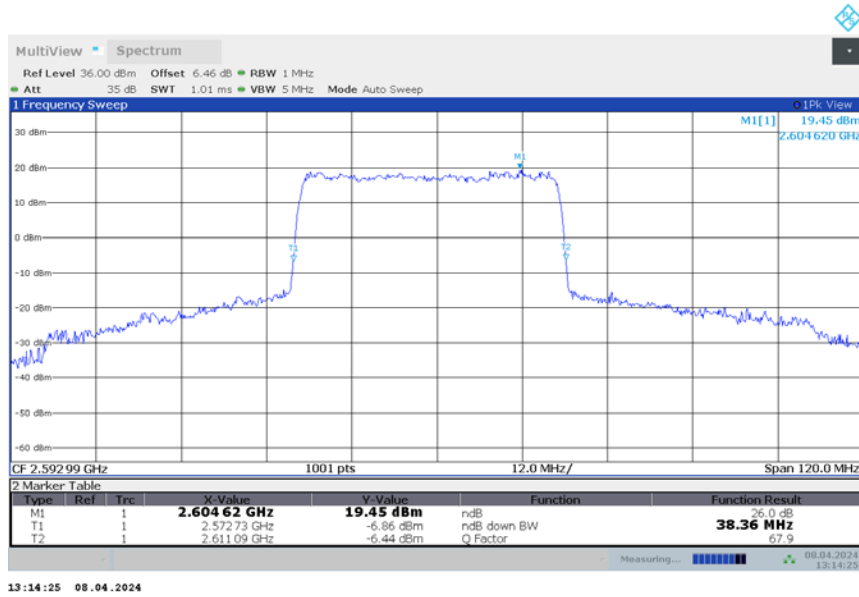


n41

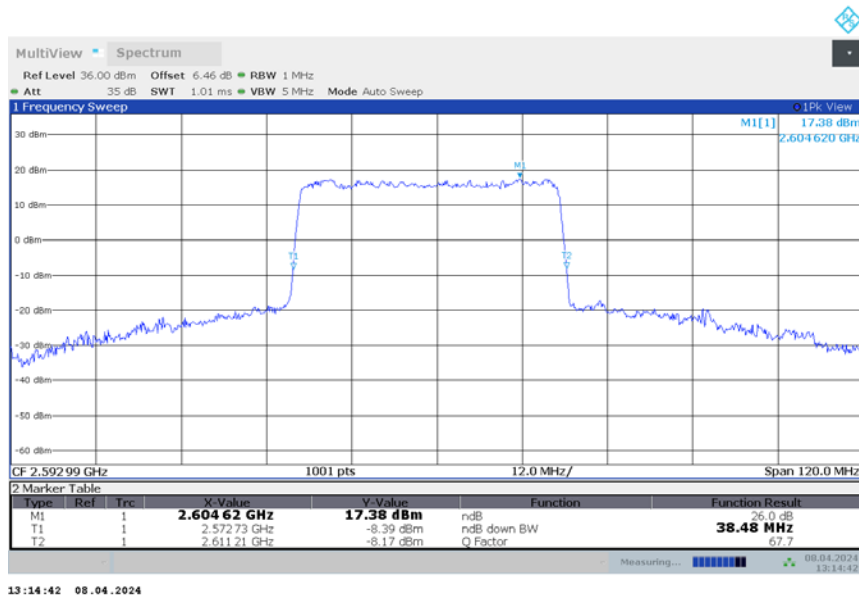
n41,40MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
2592.99	38.360	38.480

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



n41,40MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

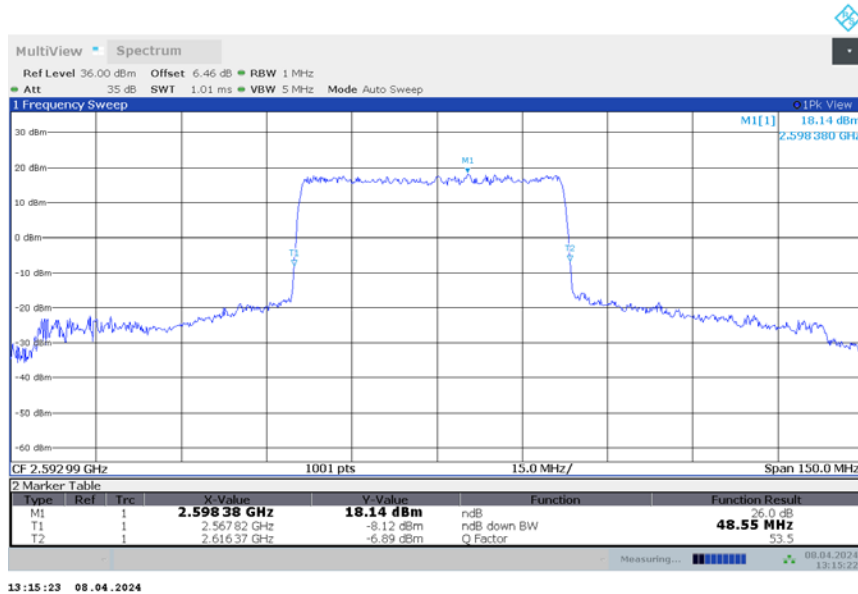


n41

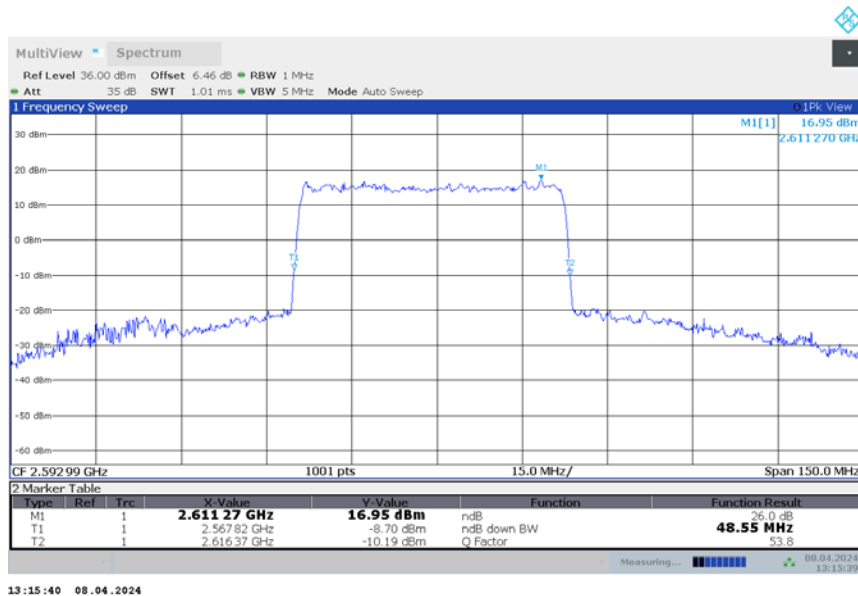
n41,50MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
2592.99	48.550	48.550

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



n41,50MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

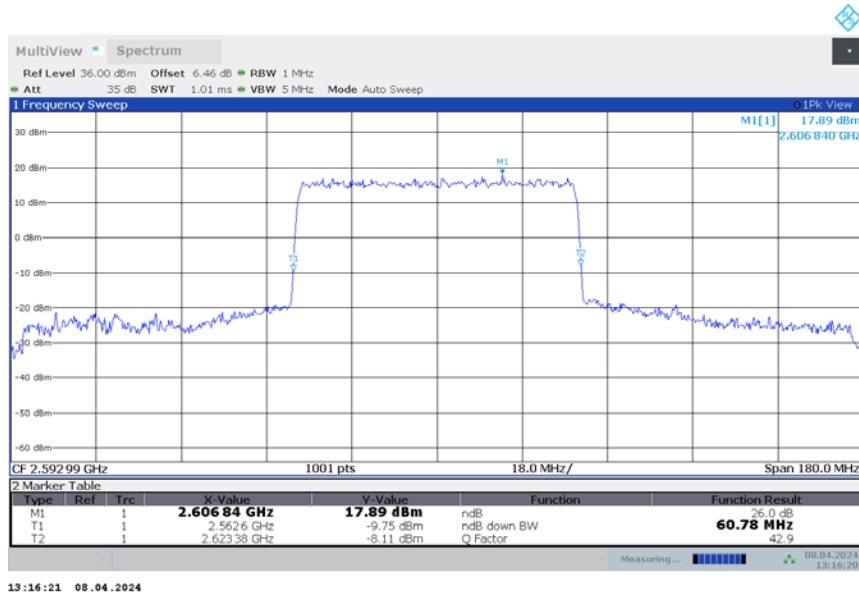


n41

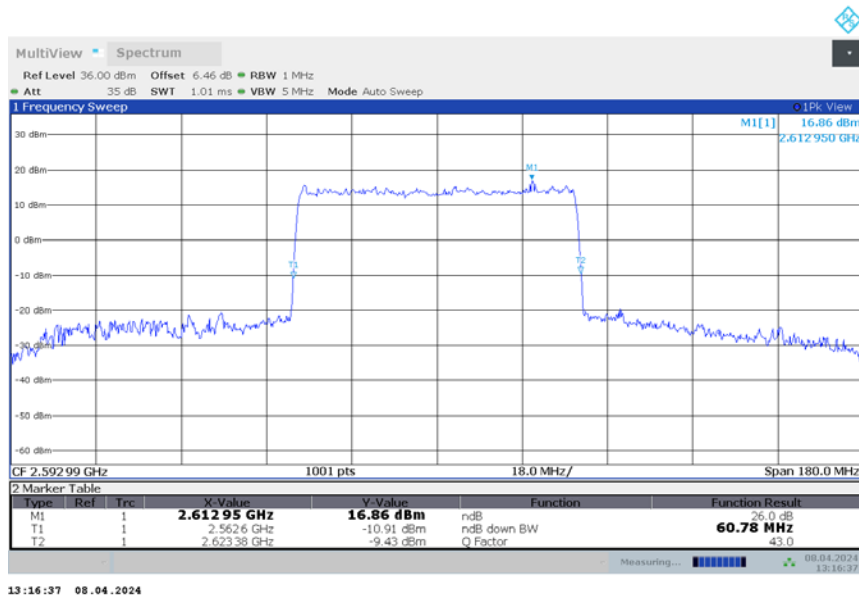
n41,60MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
2592.99	60.780	60.780

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



n41,60MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

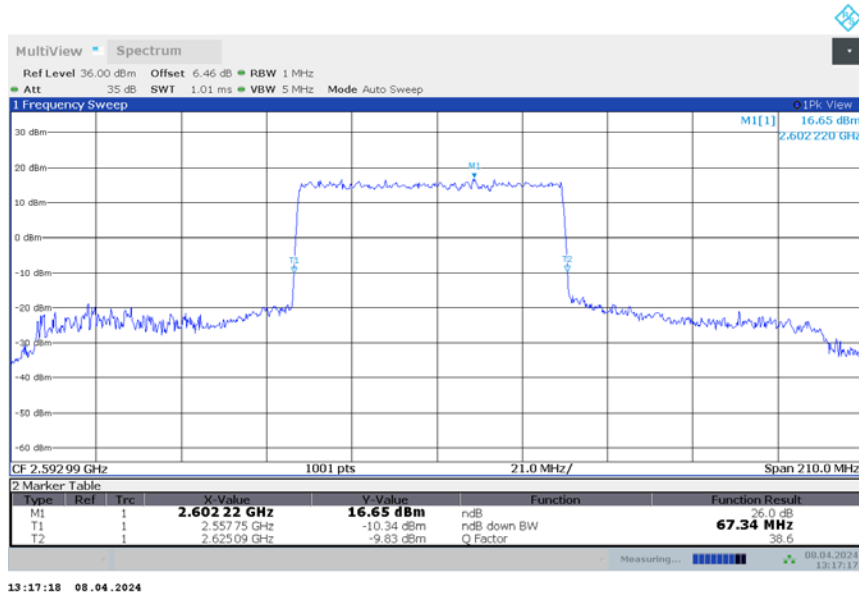


n41

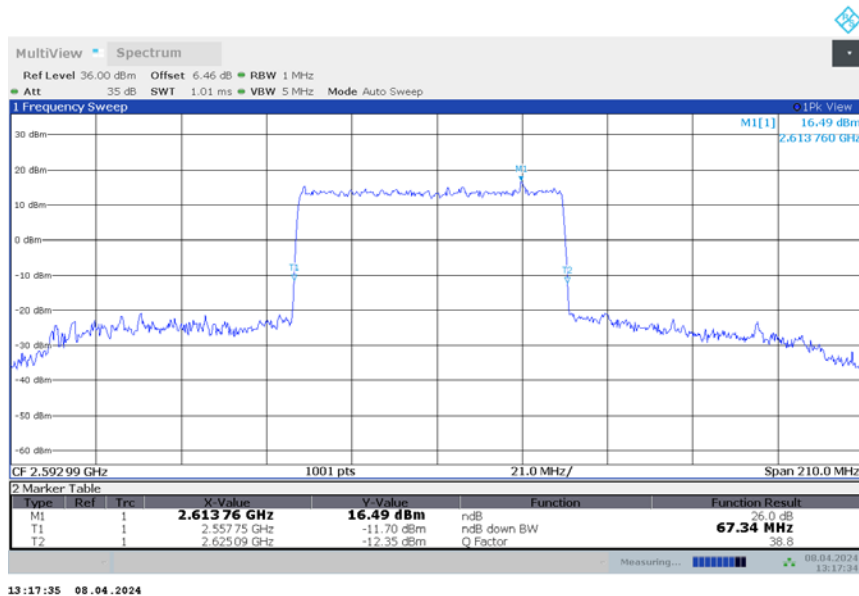
n41,70MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
2592.99	67.340	67.340

n41,70MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n41,70MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

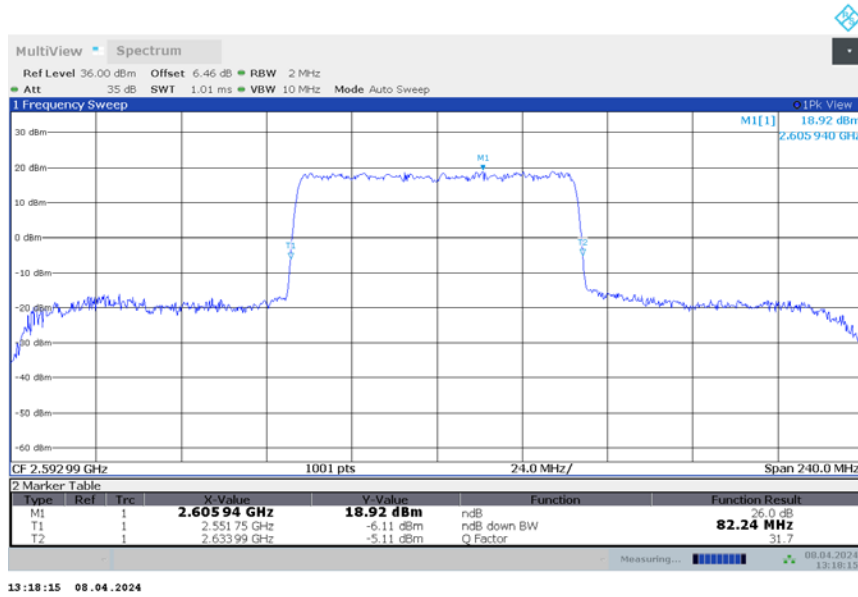


n41

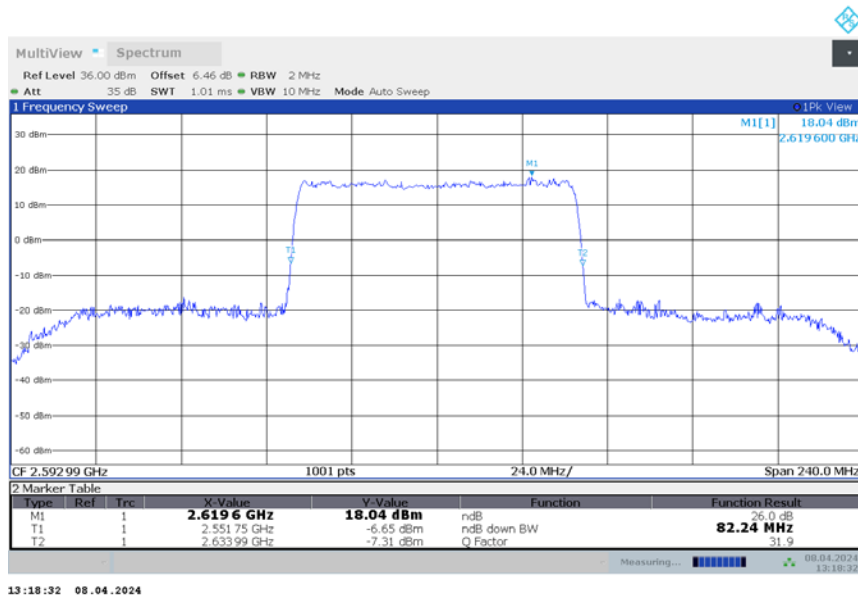
n41,80MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
2592.99	82.240	82.240

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



n41,80MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

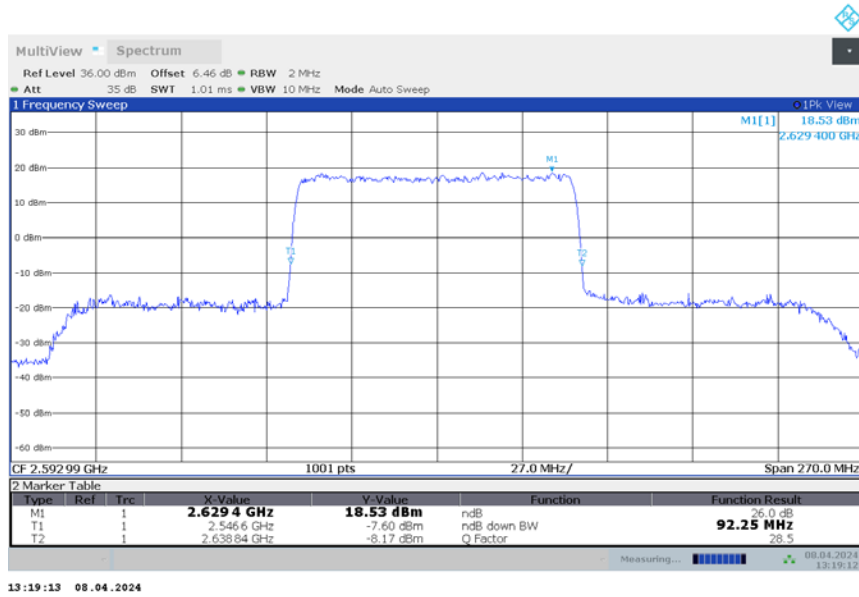


n41

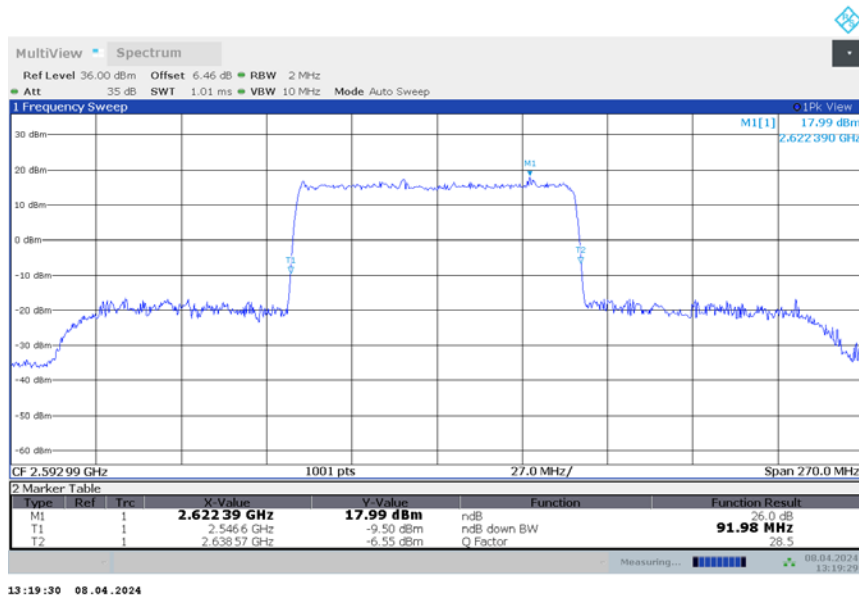
n41,90MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
2592.99	92.250	91.980

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



n41,90MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

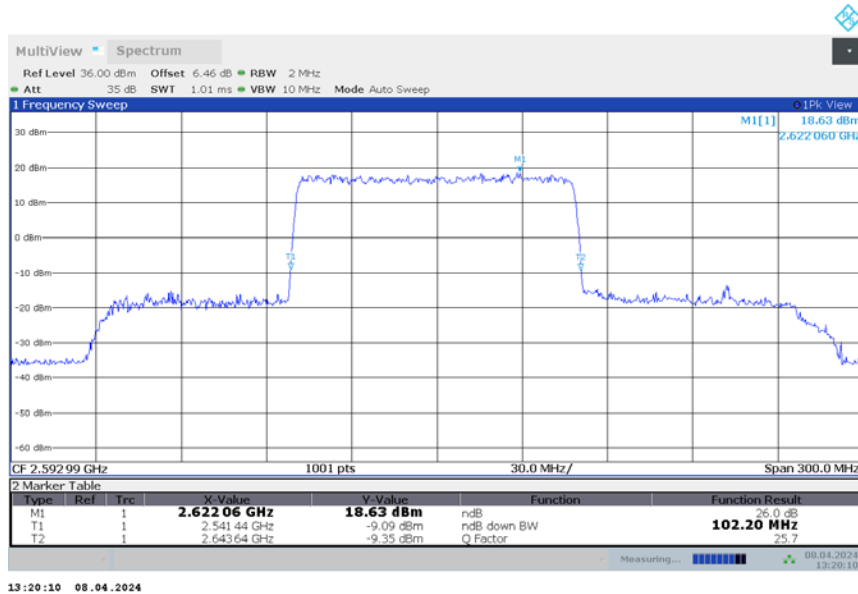


n41

n41,100MHz(-26dBc)

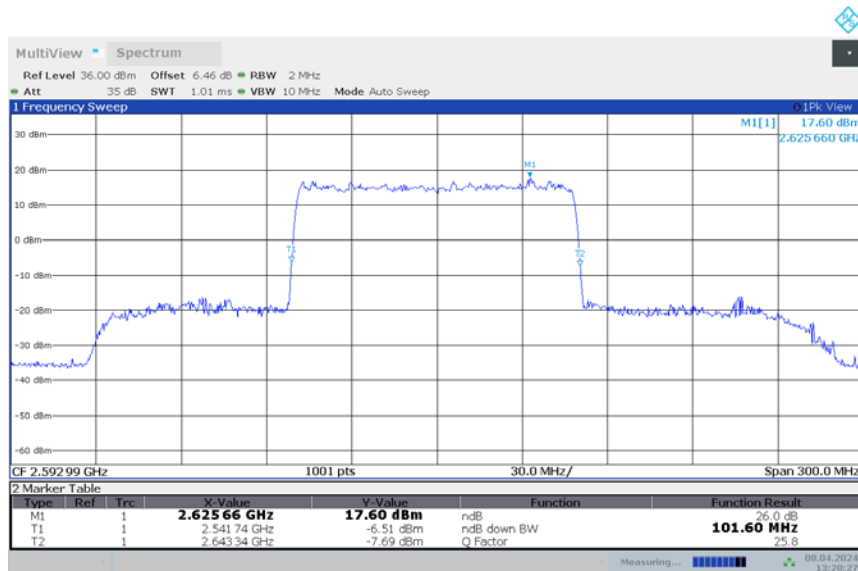
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
2592.99	102.200	101.600

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



13:20:10 08.04.2024

n41,100MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



13:20:27 08.04.2024

n66

n66,5MHz(-26dBc)

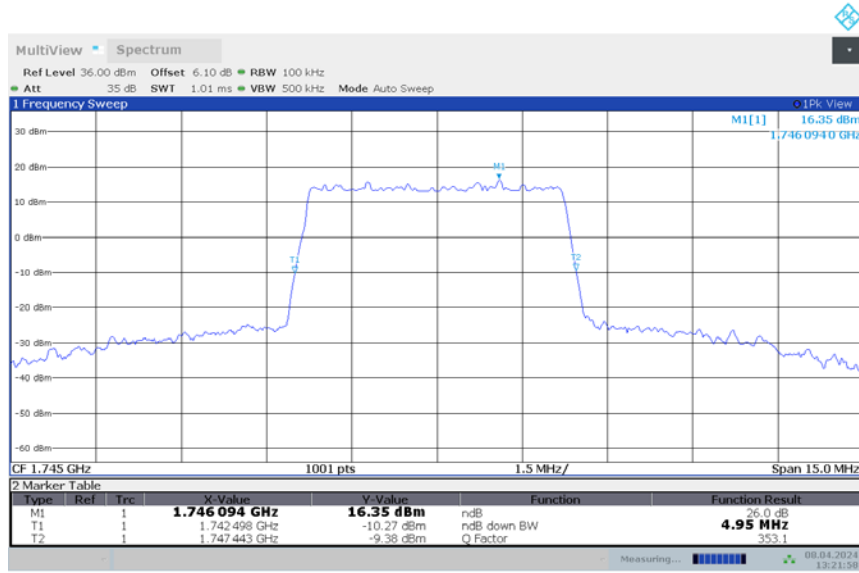
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
1745	4.900	4.945

n66,5MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



13:21:42 08.04.2024

n66,5MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



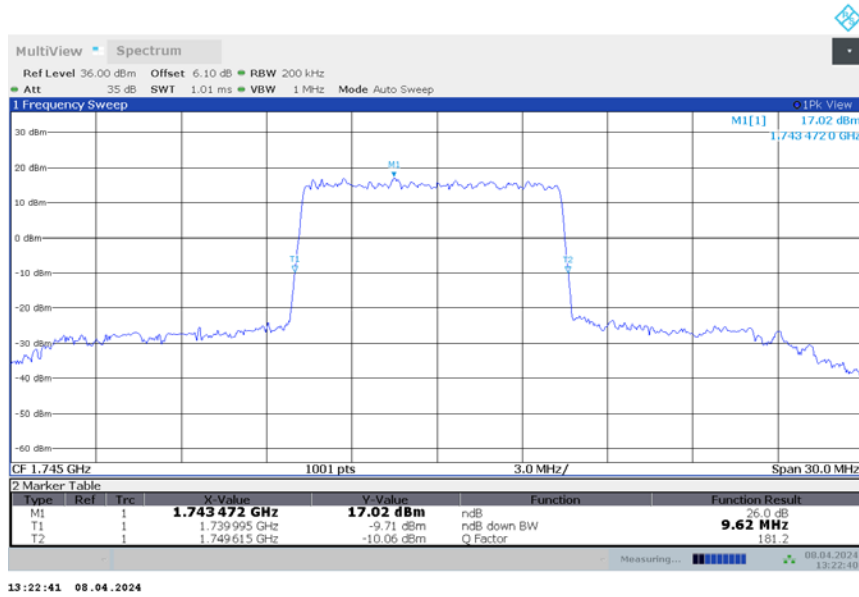
13:21:59 08.04.2024

n66

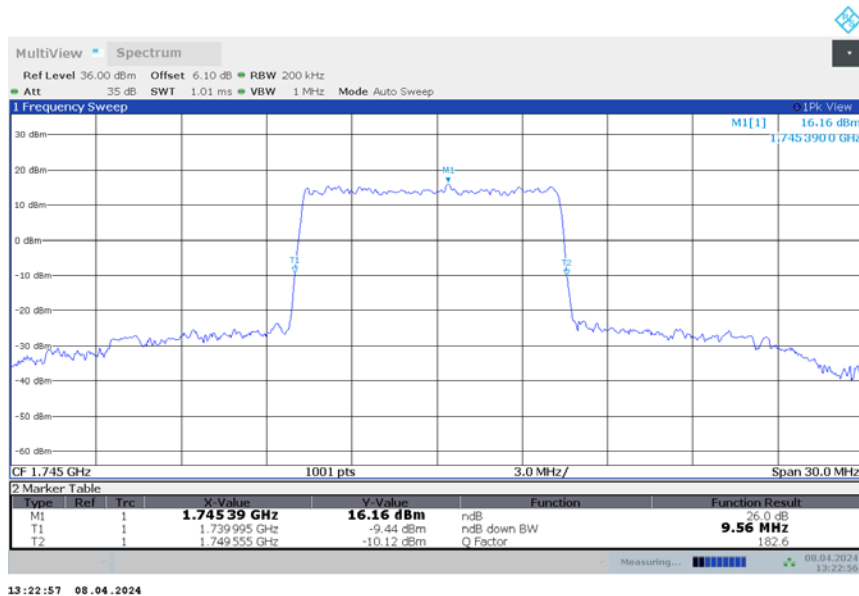
n66,10MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
1745	9.620	9.560

n66,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n66,10MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

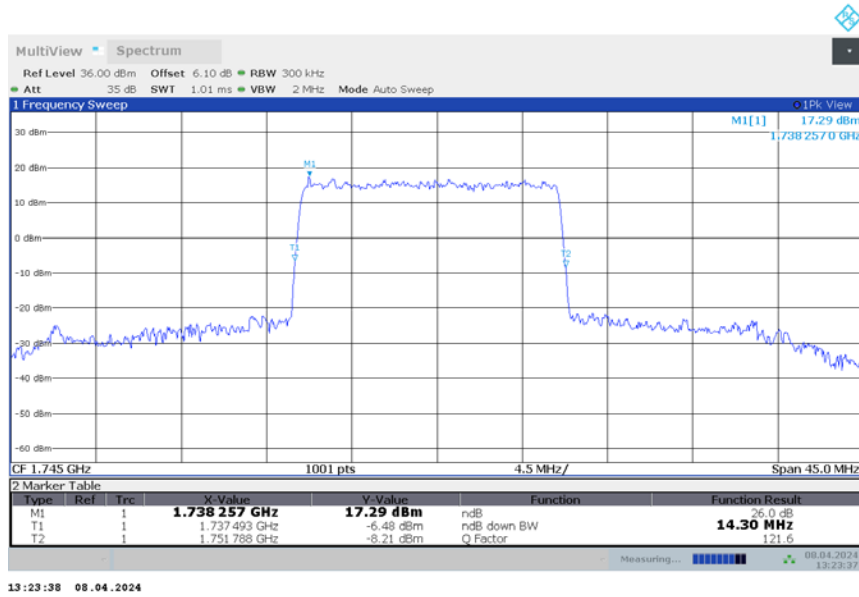


n66

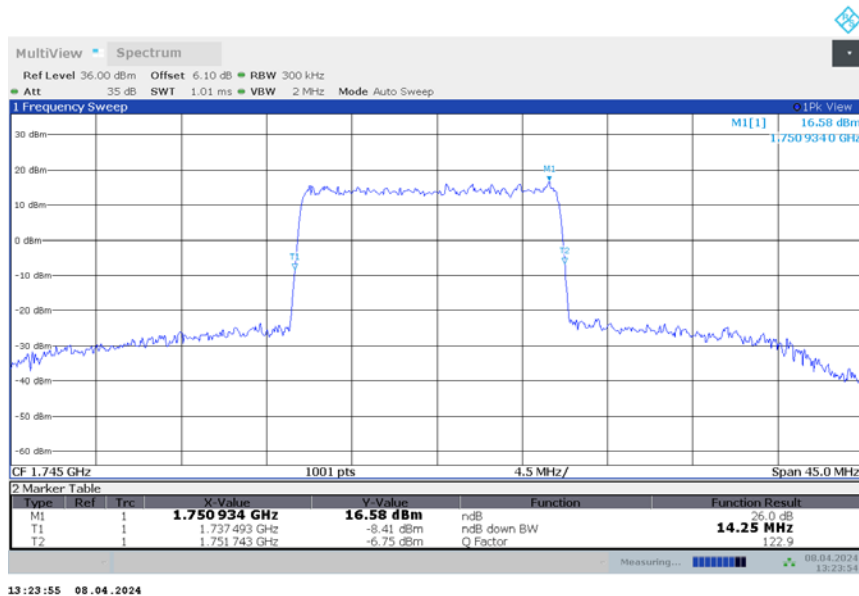
n66,15MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
1745	14.296	14.251

n66,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n66,15MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

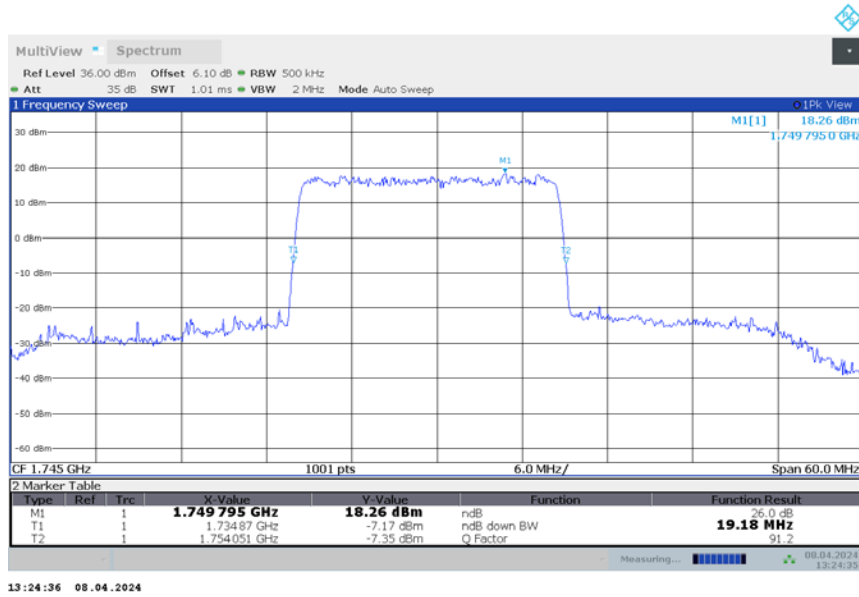


n66

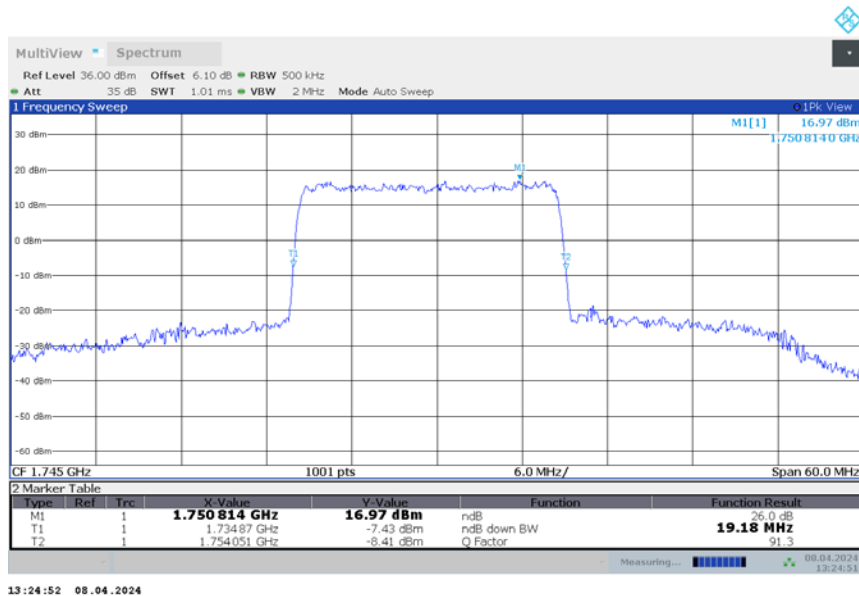
n66,20MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
1745	19.181	19.181

n66,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n66,20MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

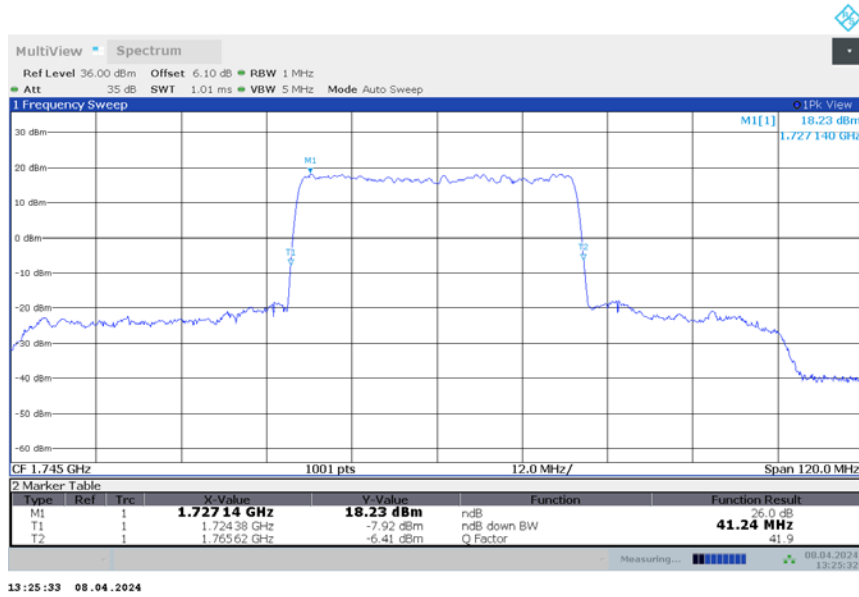


n66

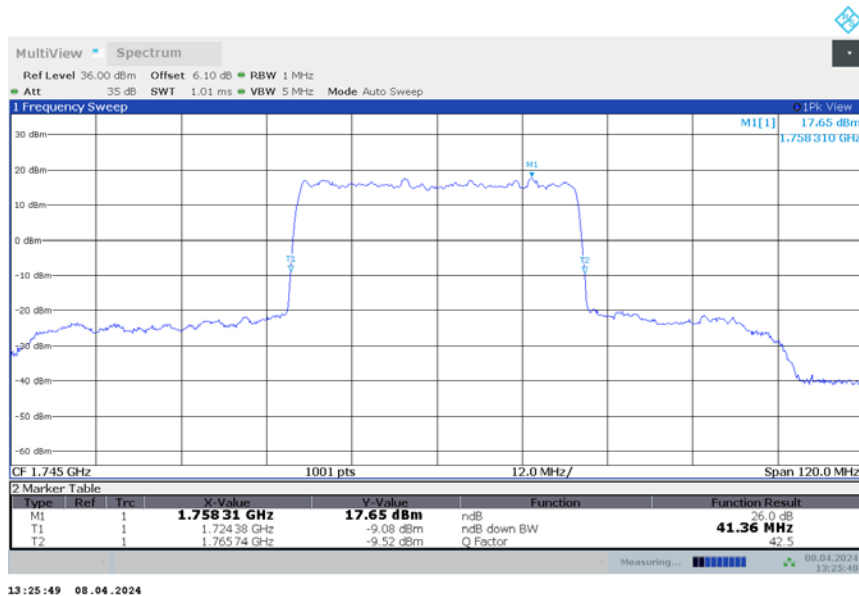
n66,40MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-QPSK	DFT-s-16QAM
1745	41.240	41.360

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



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



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

A.6 Band Edge Compliance

A.6.1 Measurement limit

Part 22.917, 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(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.

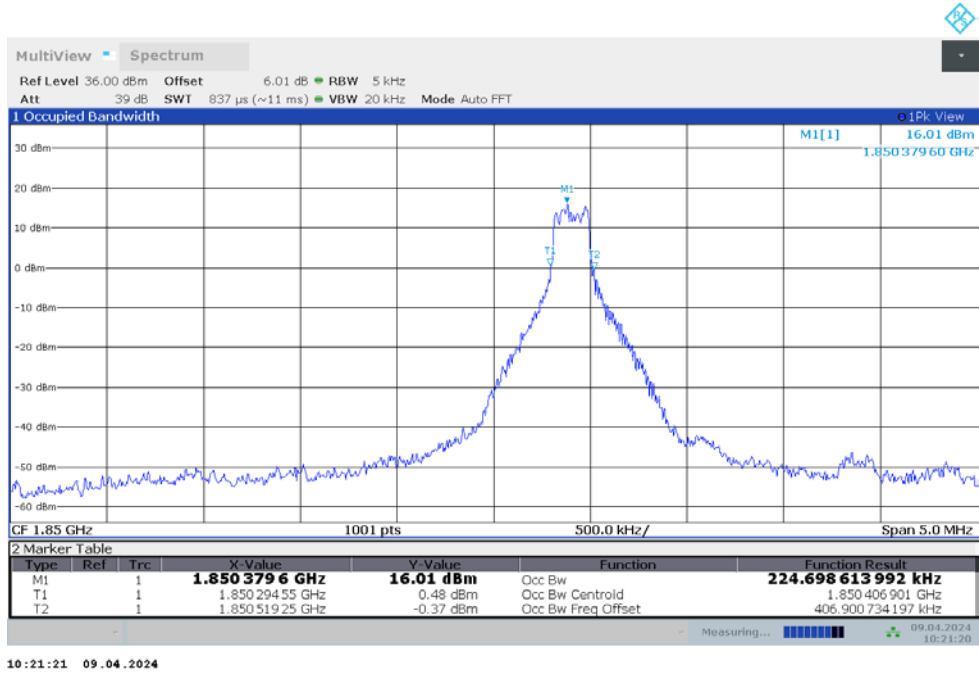
Part 90.691 states that out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows: For any frequency removed from the EA licensee's frequency block by 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.

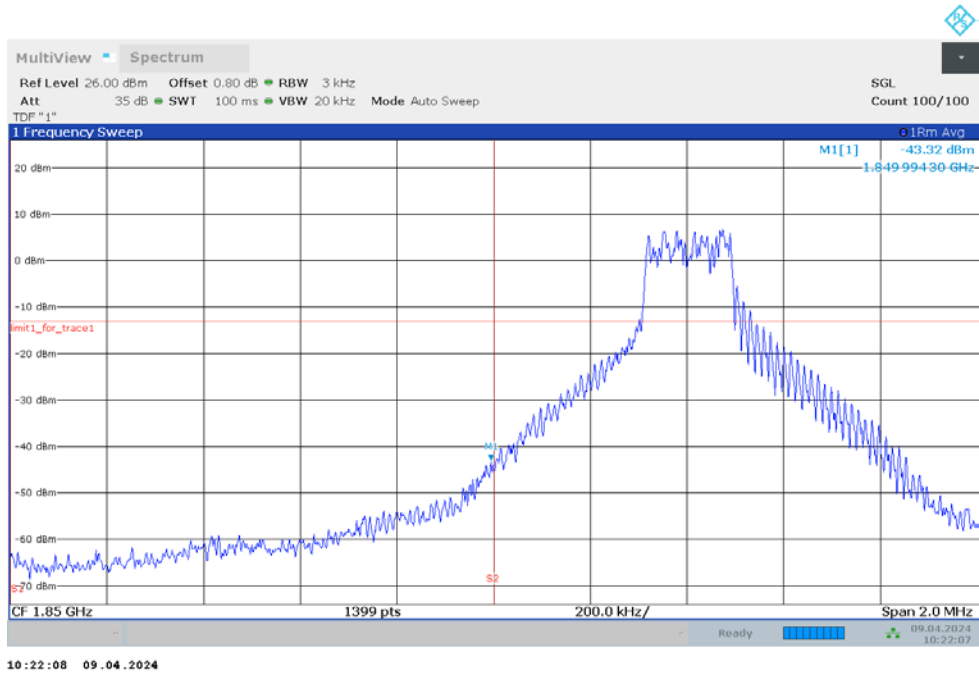
A.6.2 Measurement result

NR n2

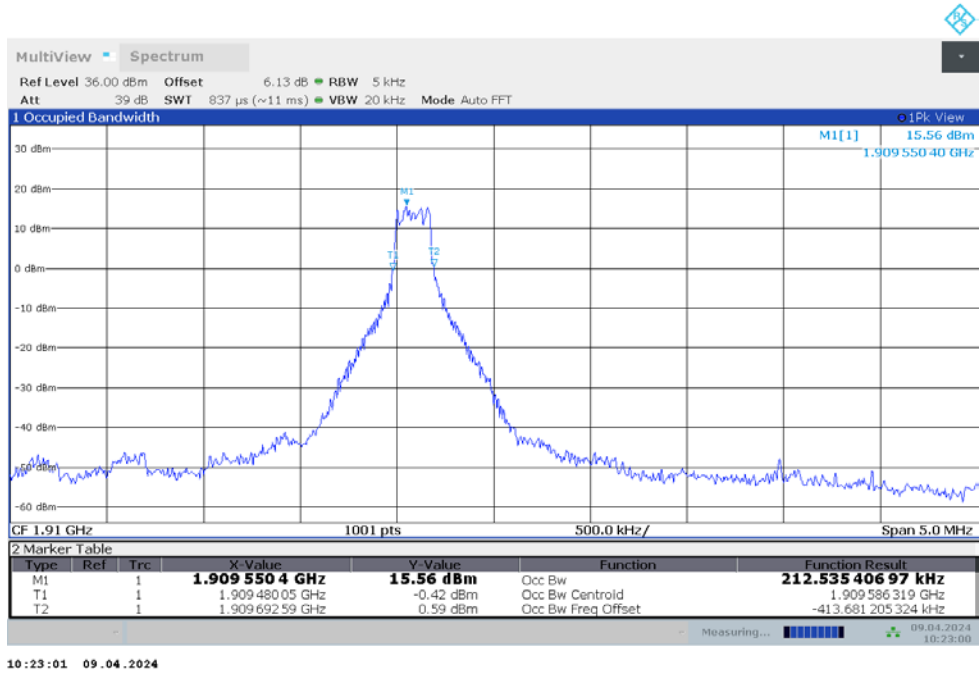
OBW: 1RB-LOW_offset_10M



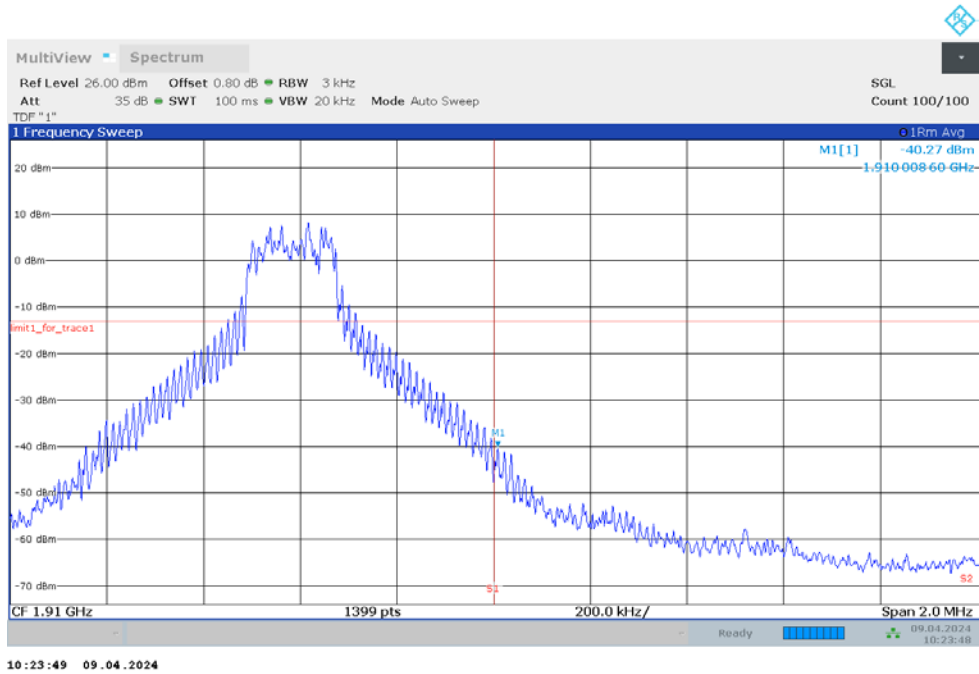
LOW BAND EDGE BLOCK-10M-1RB-LOW_offset



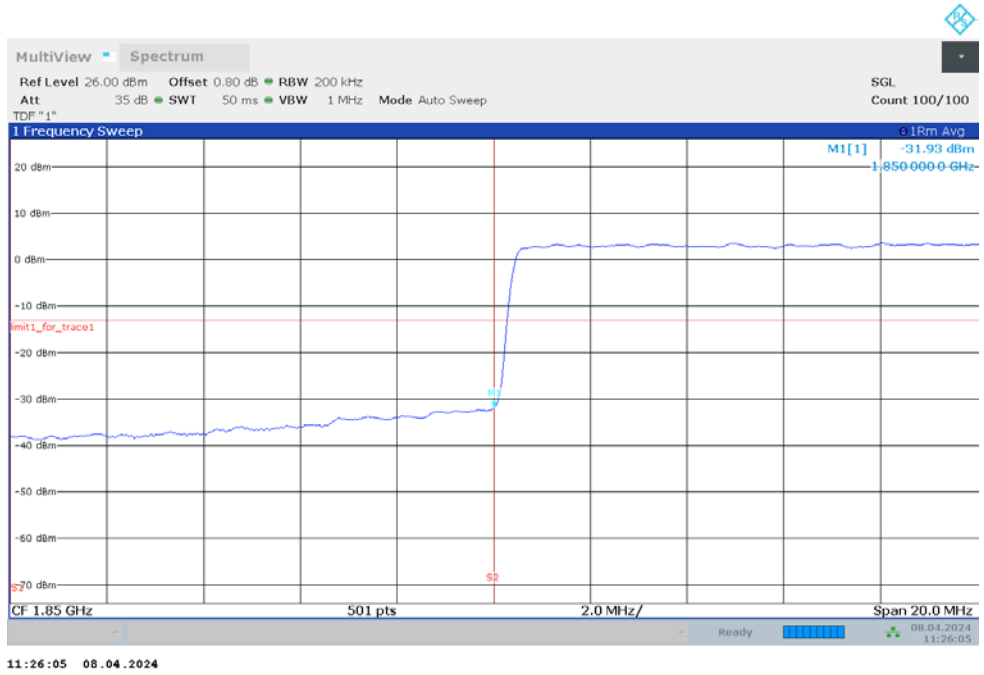
OBW: 1RB-HIGH_offset_10M



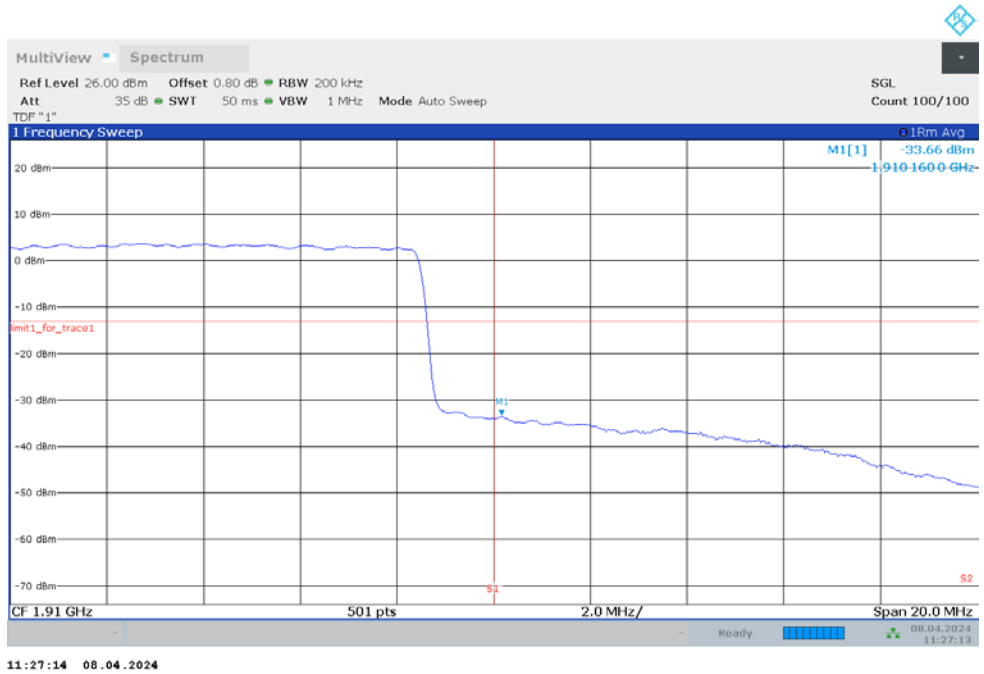
HIGH BAND EDGE BLOCK-10M-1RB-HIGH_offset



LOW BAND EDGE BLOCK-20M-100%RB

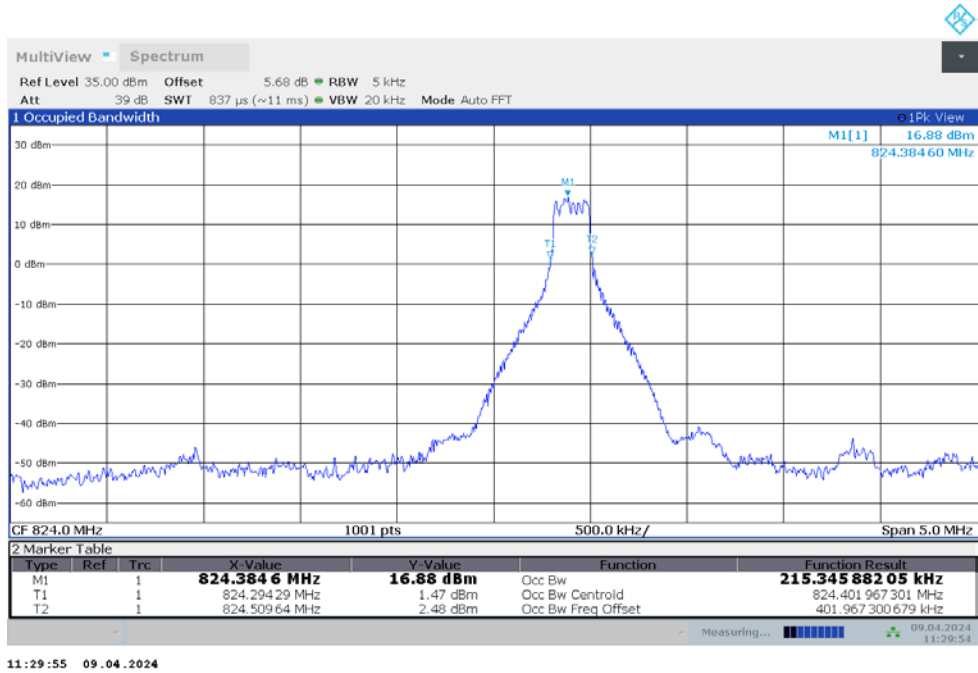


HIGH BAND EDGE BLOCK-20M-100%RB

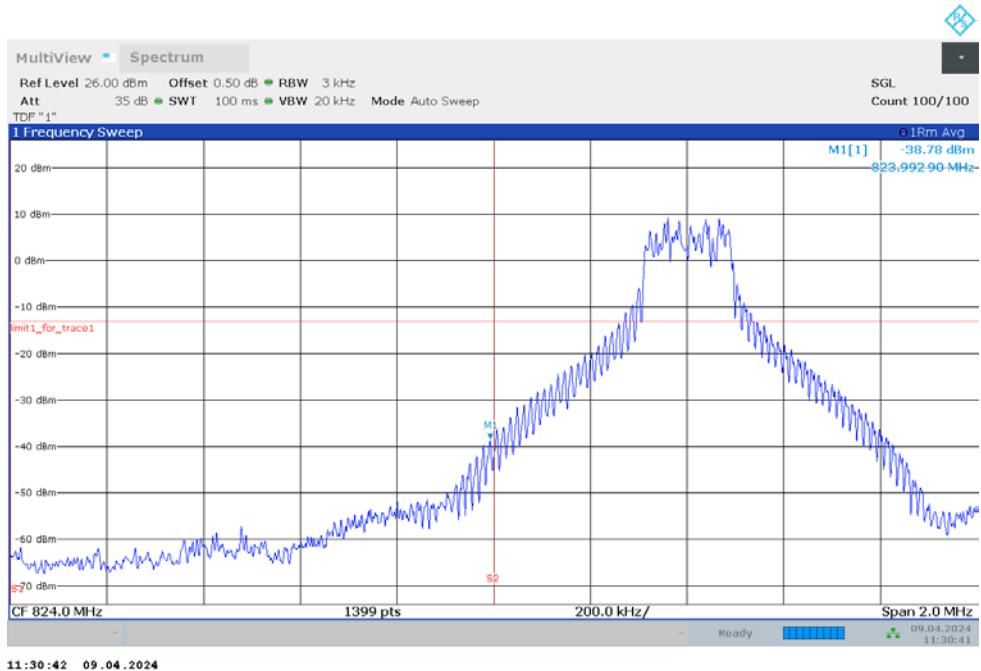


NR n5

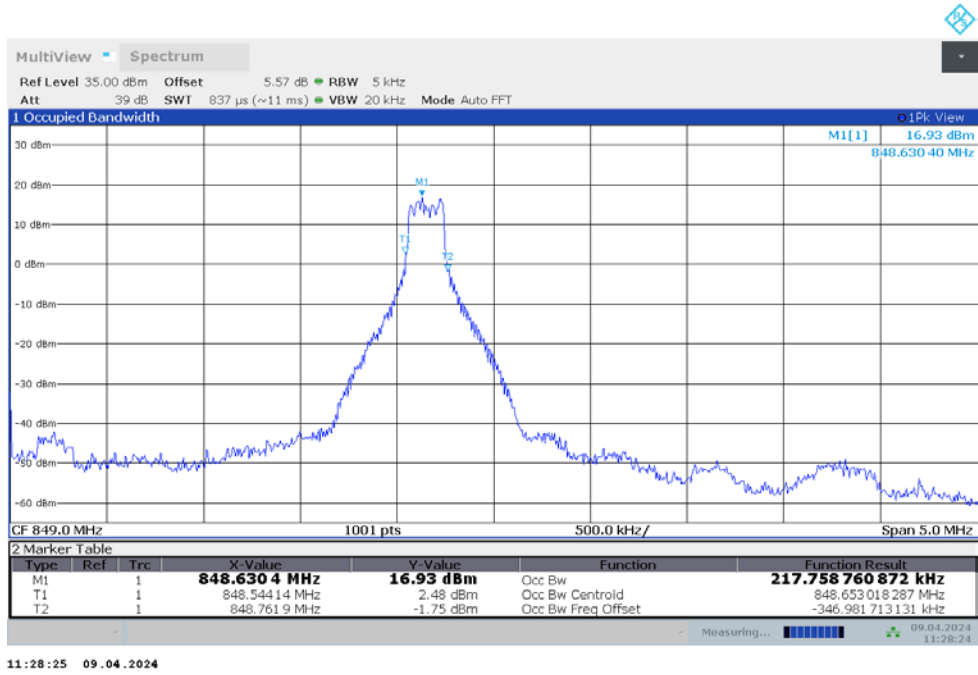
OBW: 1RB-LOW_offset_10M



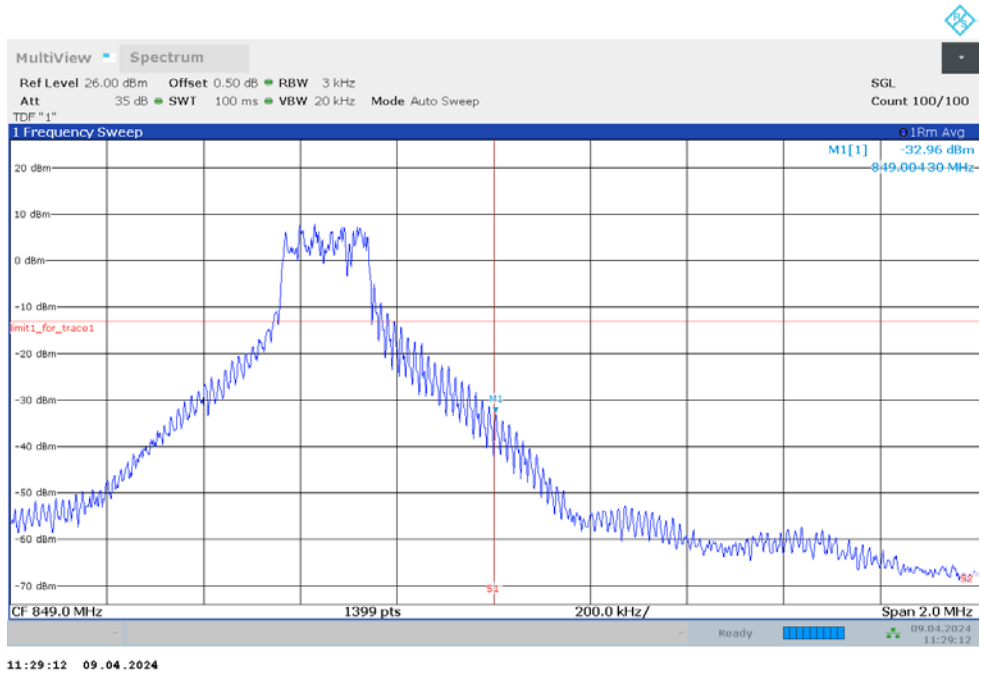
LOW BAND EDGE BLOCK-10M-1RB-LOW_offset



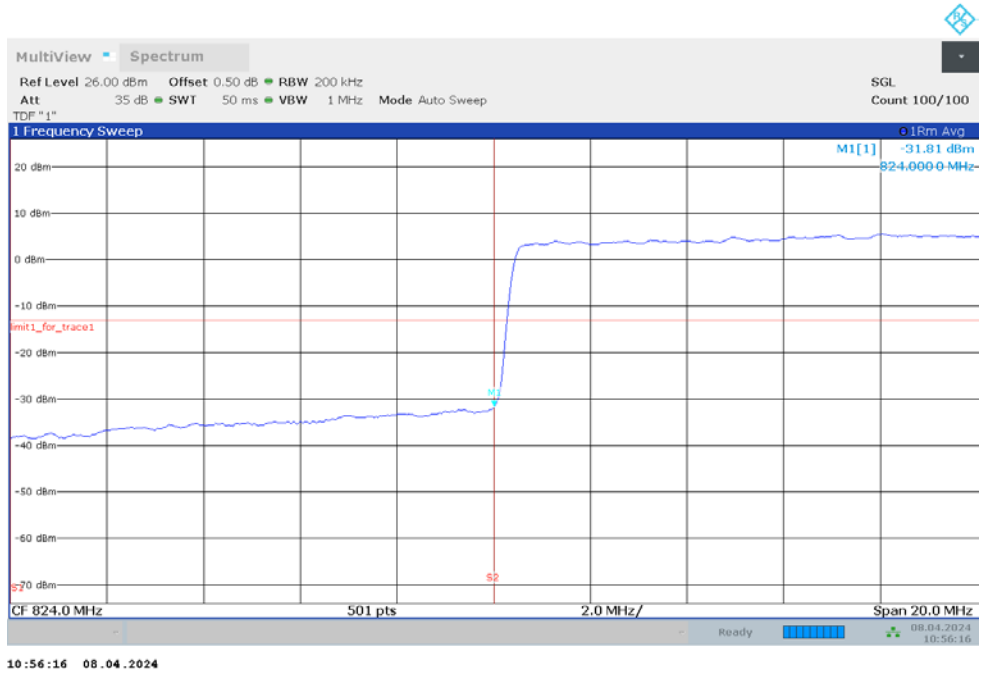
OBW: 1RB-HIGH_offset_5M



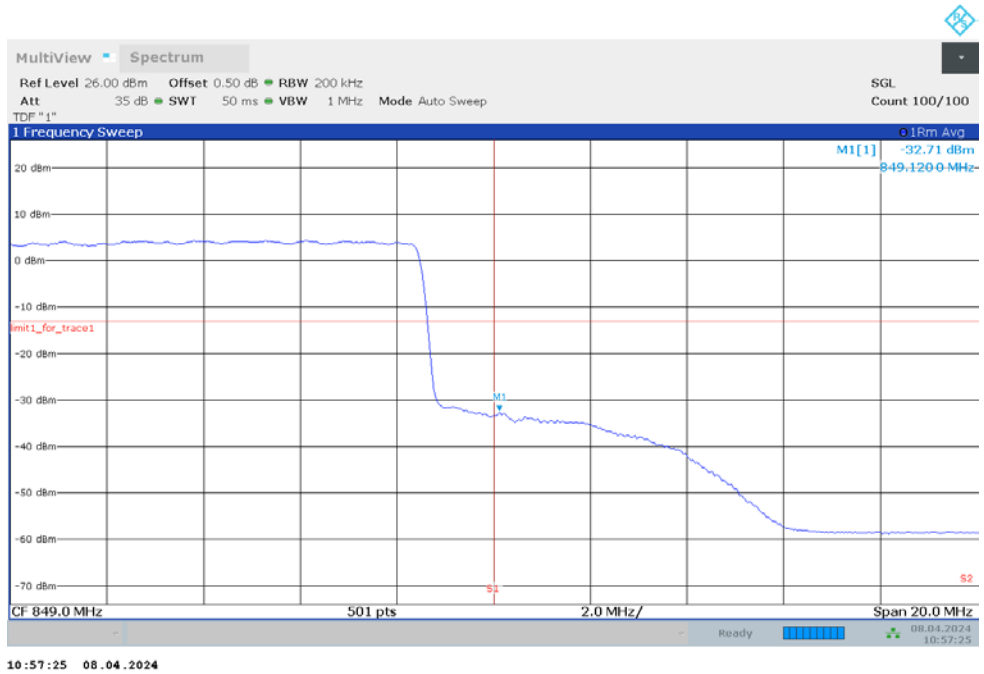
HIGH BAND EDGE BLOCK-5M-1RB-HIGH_offset



LOW BAND EDGE BLOCK-20M-100%RB

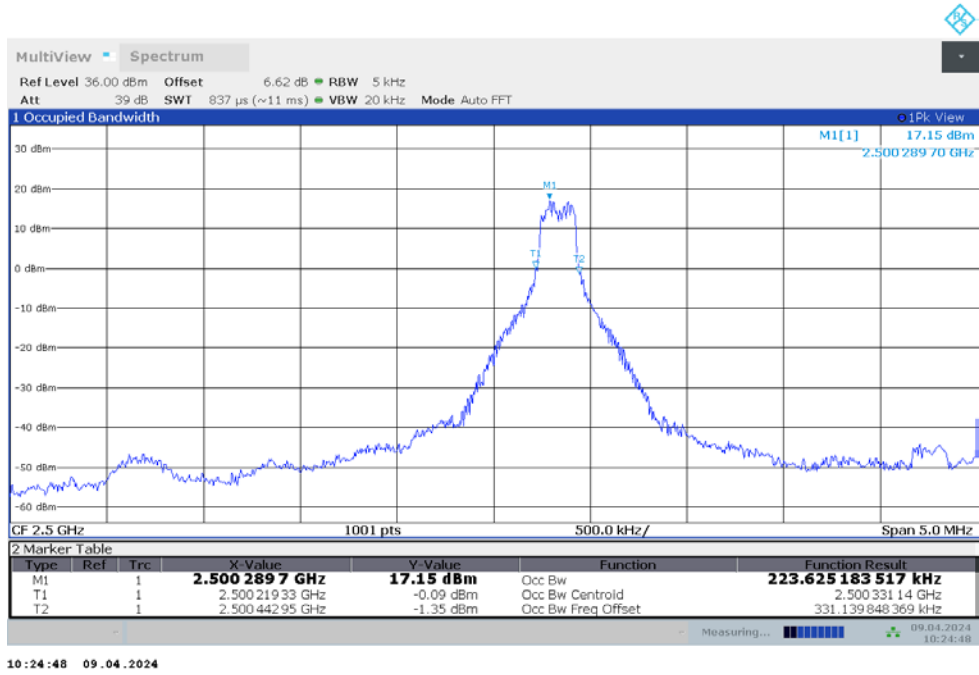


HIGH BAND EDGE BLOCK-20M-100%RB

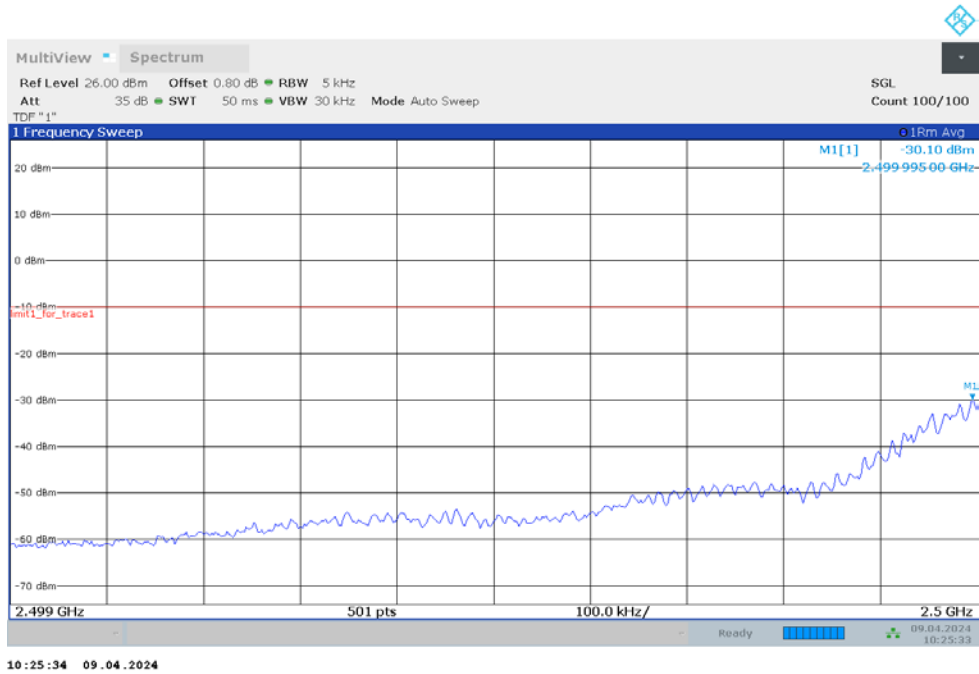


NR n7

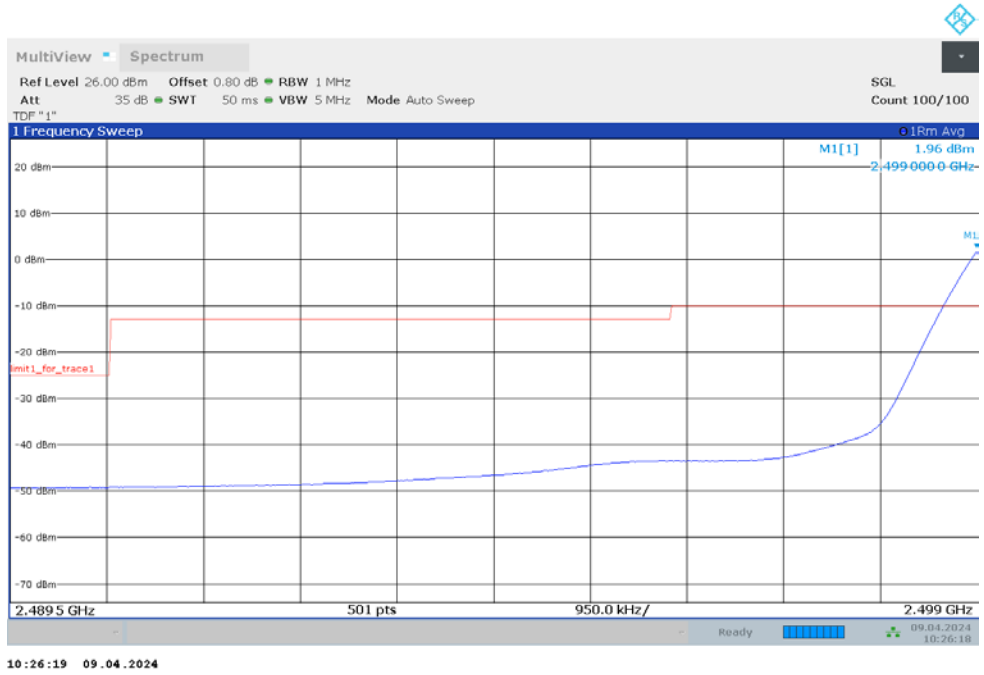
OBW: 1RB-LOW_offset_5M



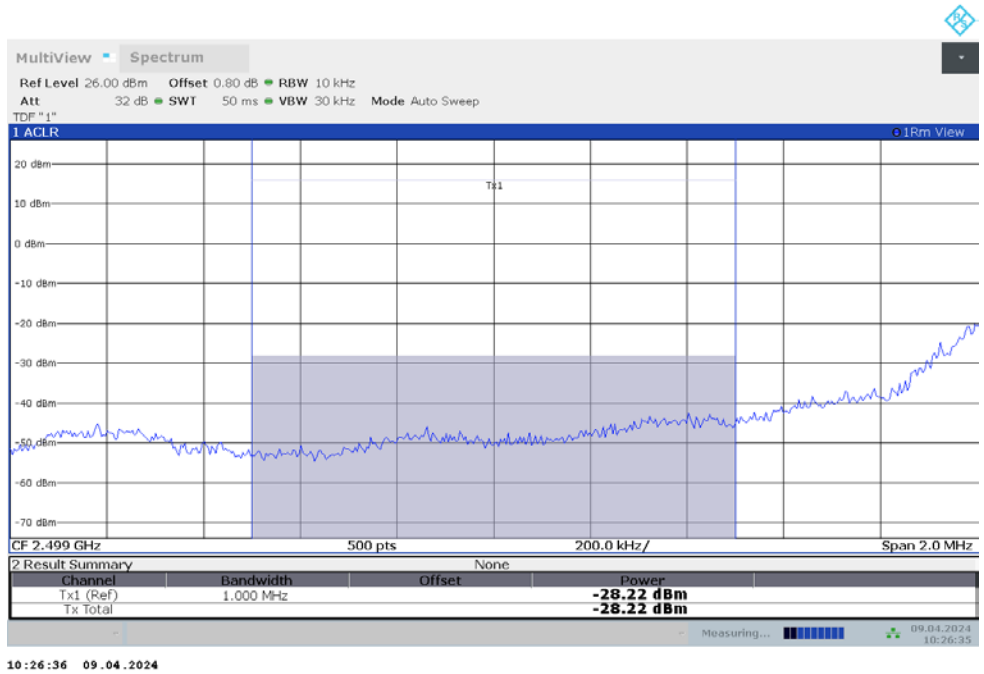
LOW BAND EDGE BLOCK-5M-1RB-LOW_offset



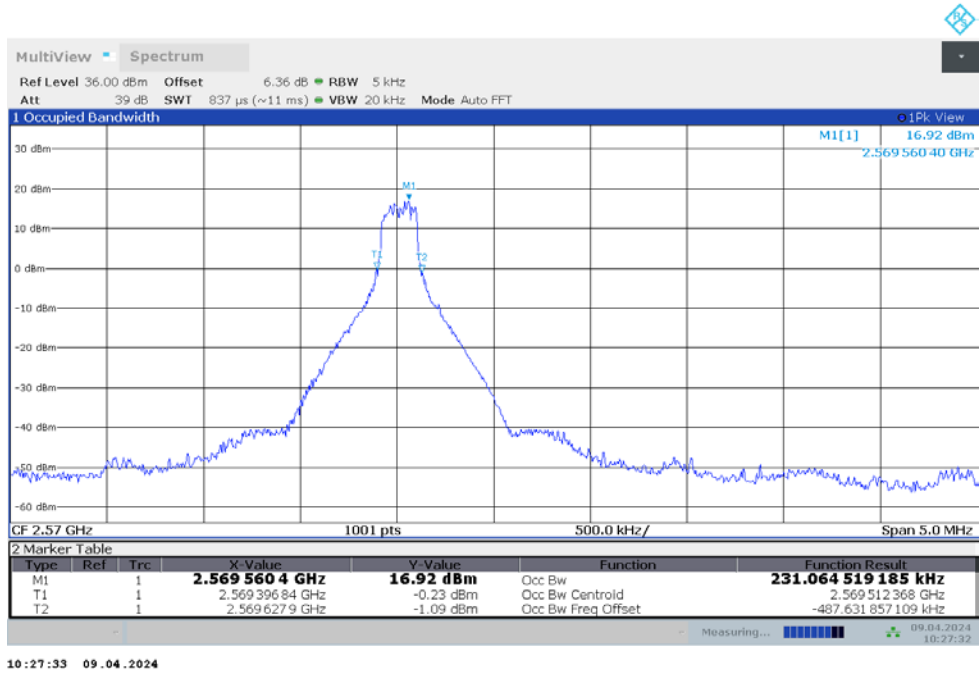
LOW BAND EDGE BLOCK-5M-1RB-LOW_offset



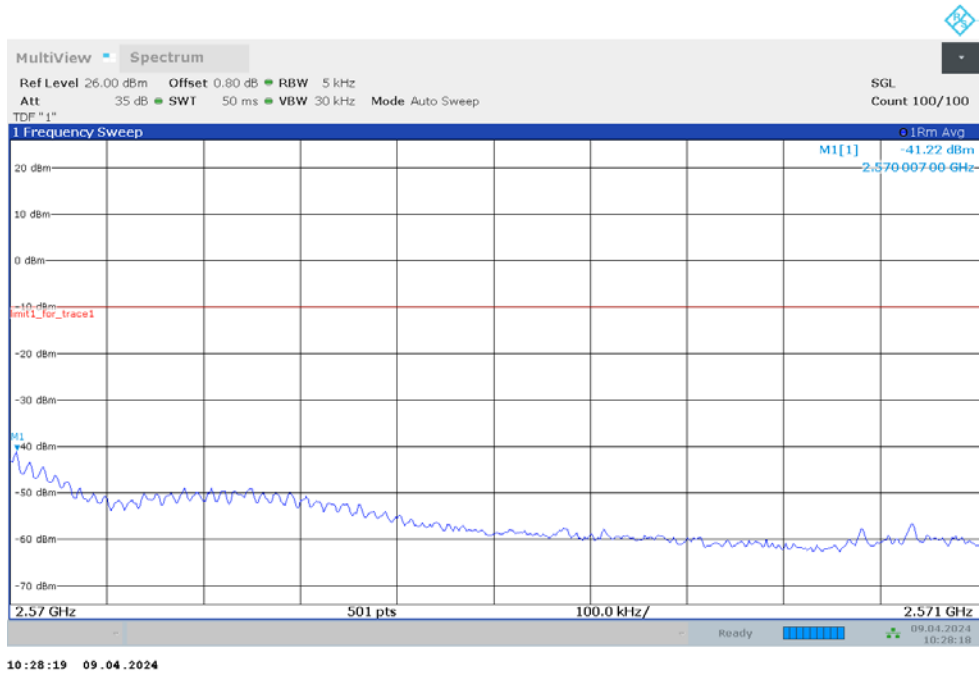
Channel power



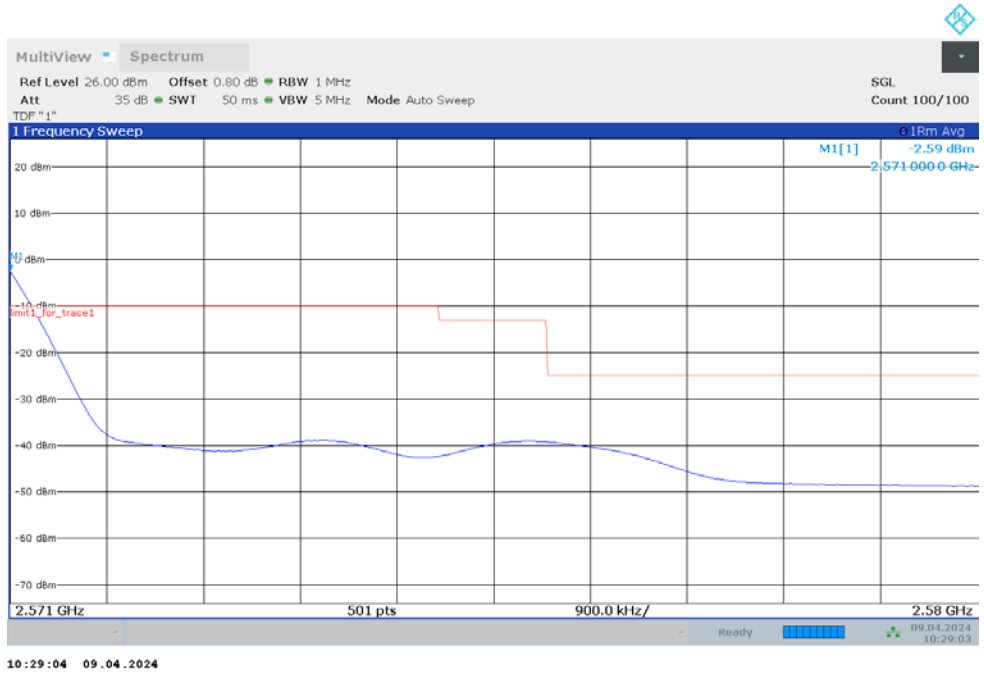
OBW: 1RB-HIGH_offset_15M



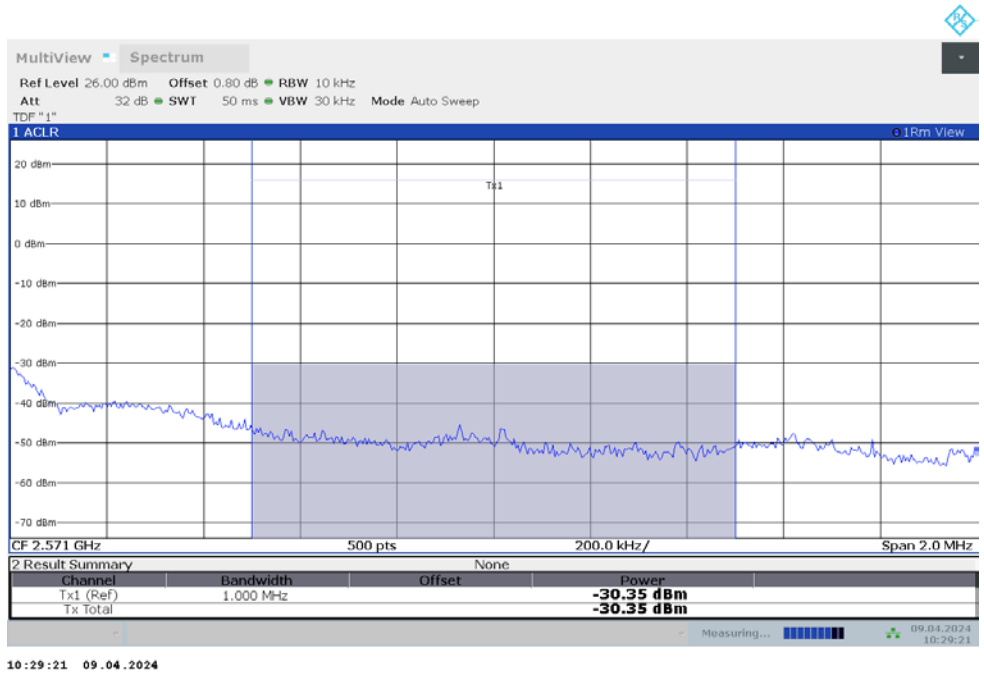
HIGH BAND EDGE BLOCK-15M-1RB-HIGH_offset



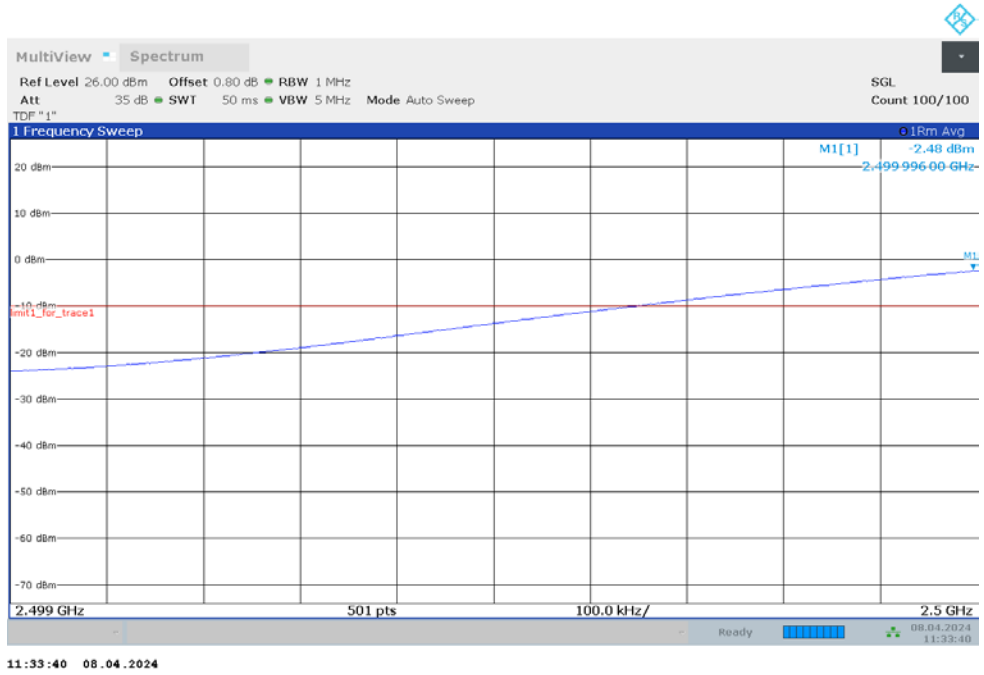
HIGH BAND EDGE BLOCK-15M-1RB-HIGH_offset



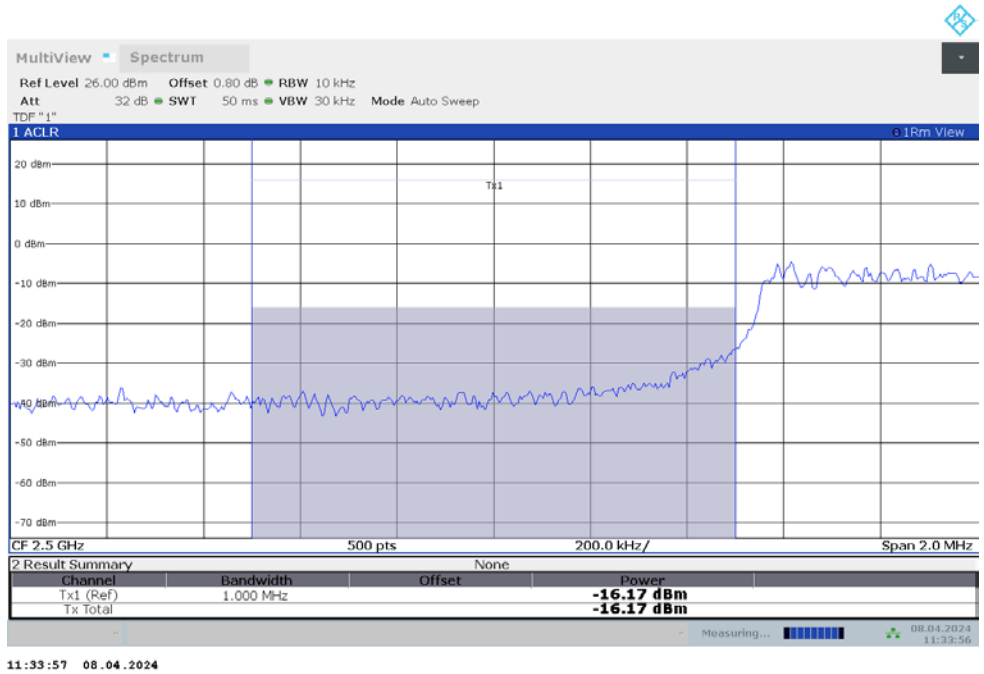
Channel power



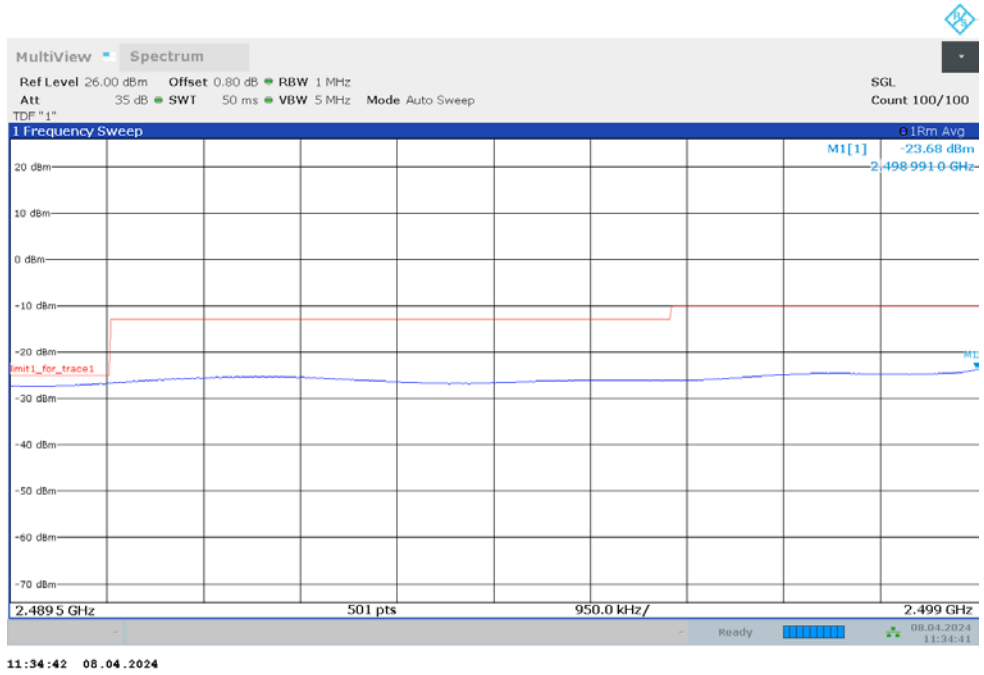
LOW BAND EDGE BLOCK-40M-100%RB



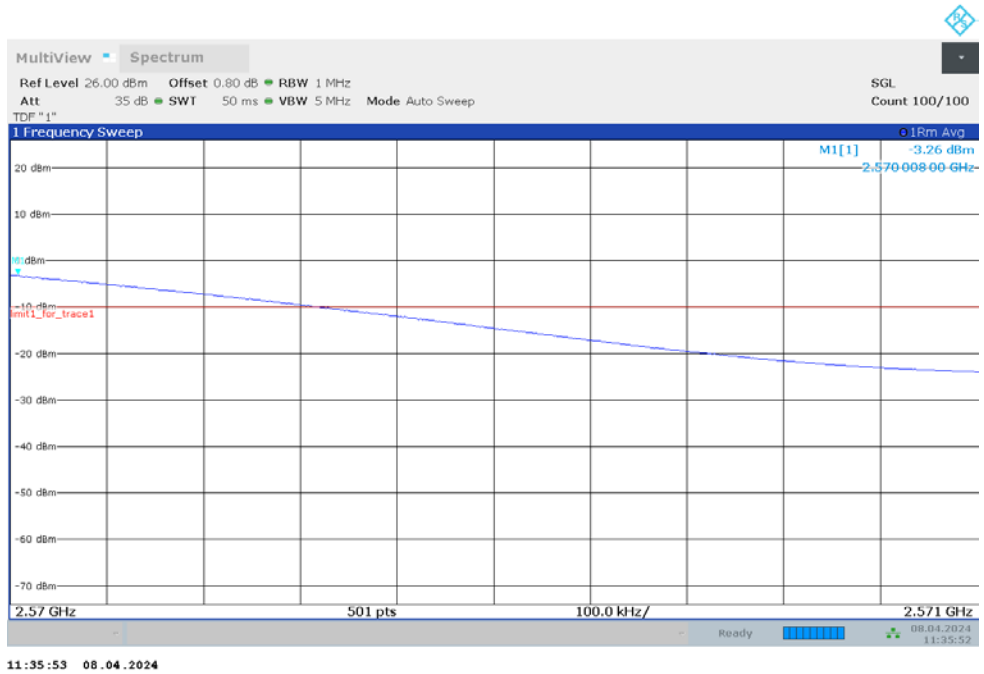
Channel power



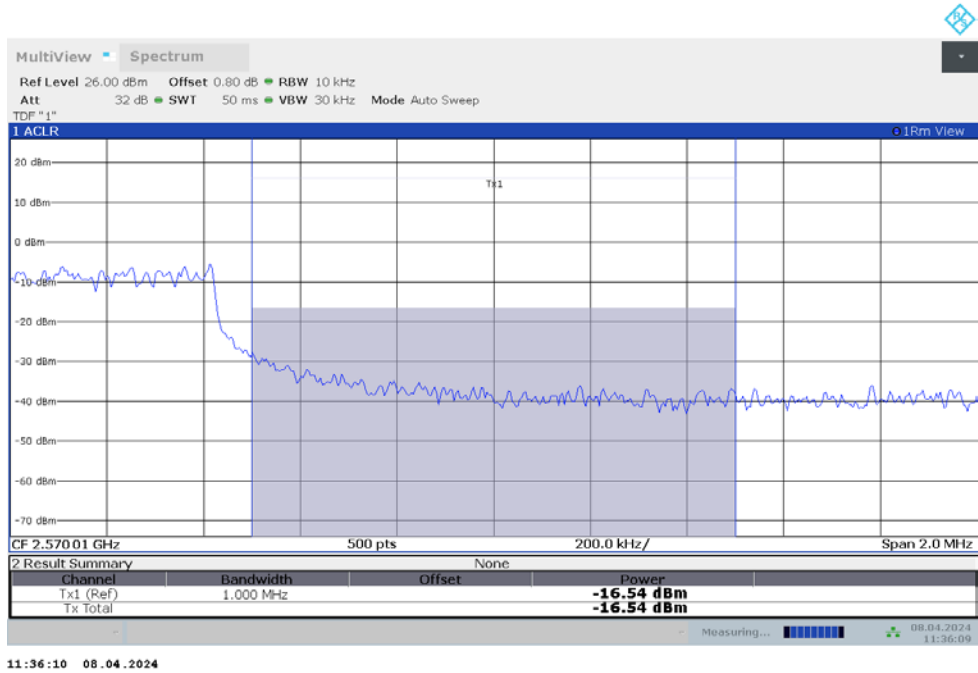
LOW BAND EDGE BLOCK-40M-100%RB



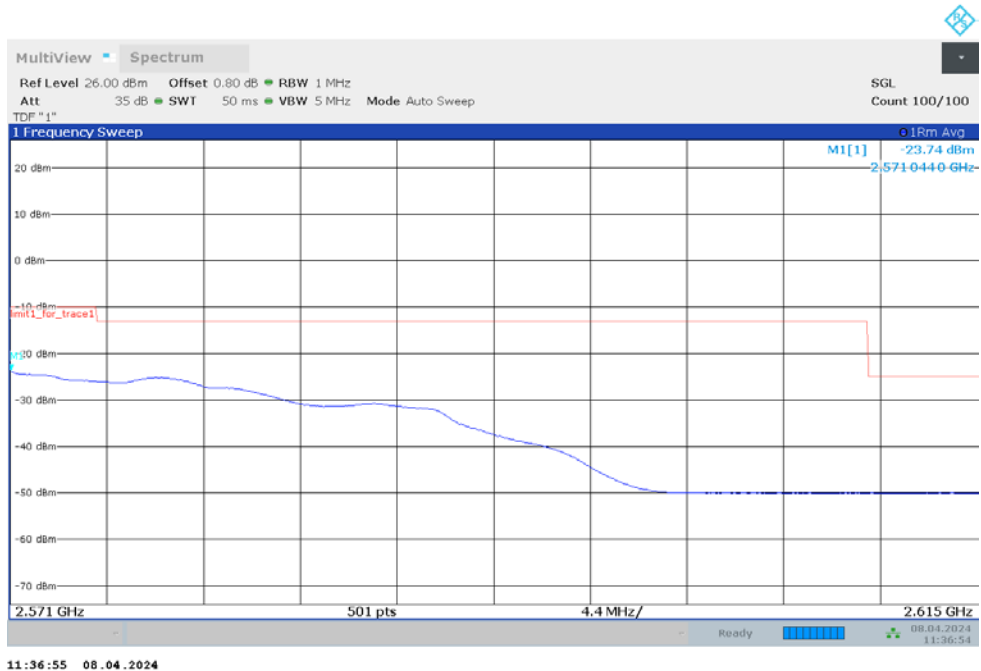
HIGH BAND EDGE BLOCK-40M-100%RB



Channel power



HIGH BAND EDGE BLOCK-40M-100%RB

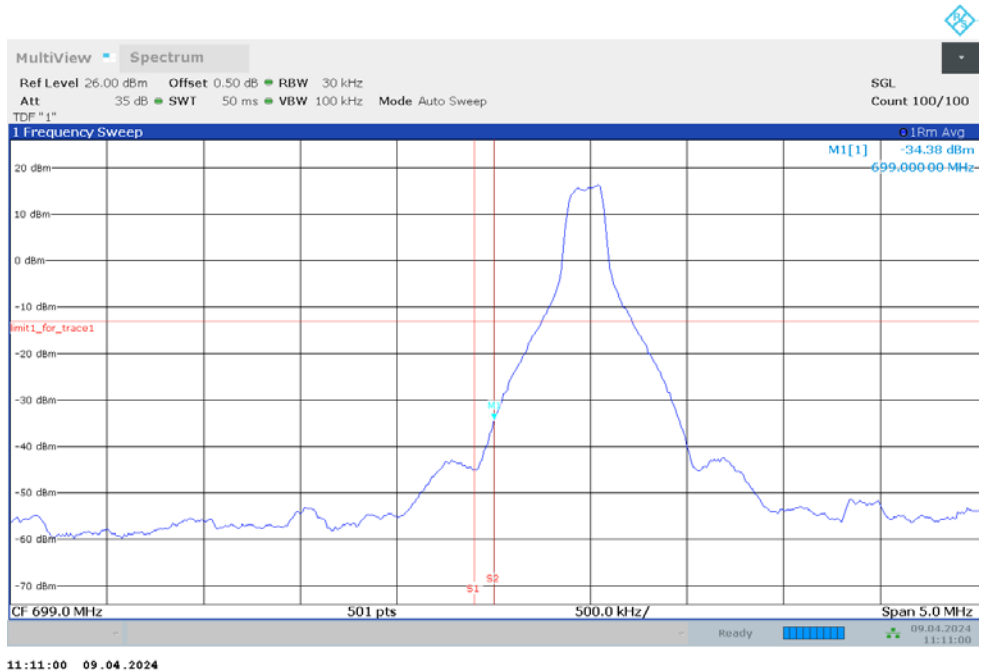


NR n12

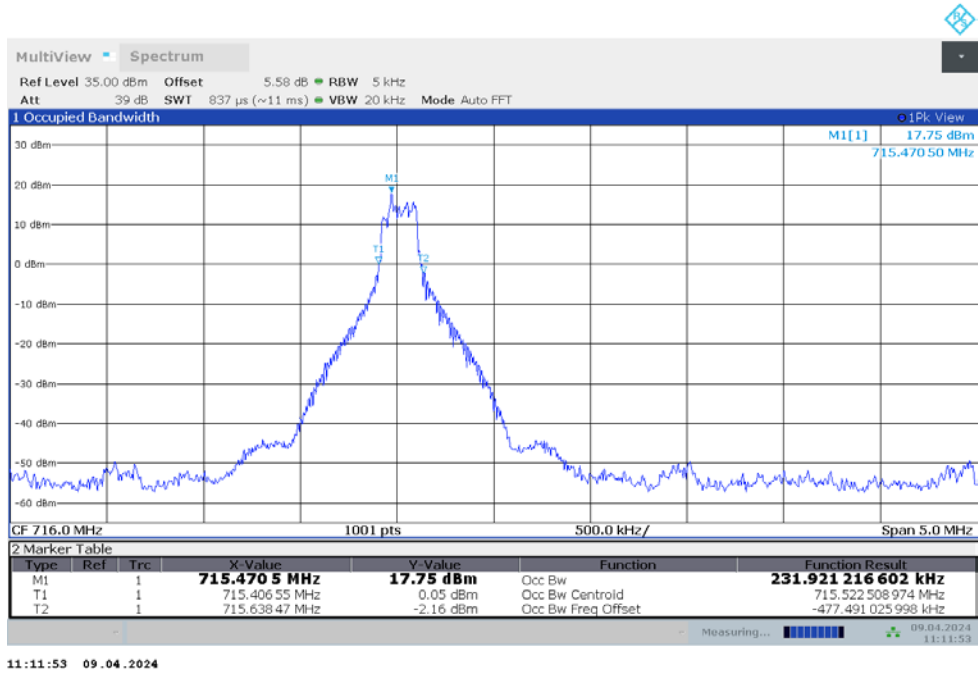
OBW: 1RB-LOW_offset_15M



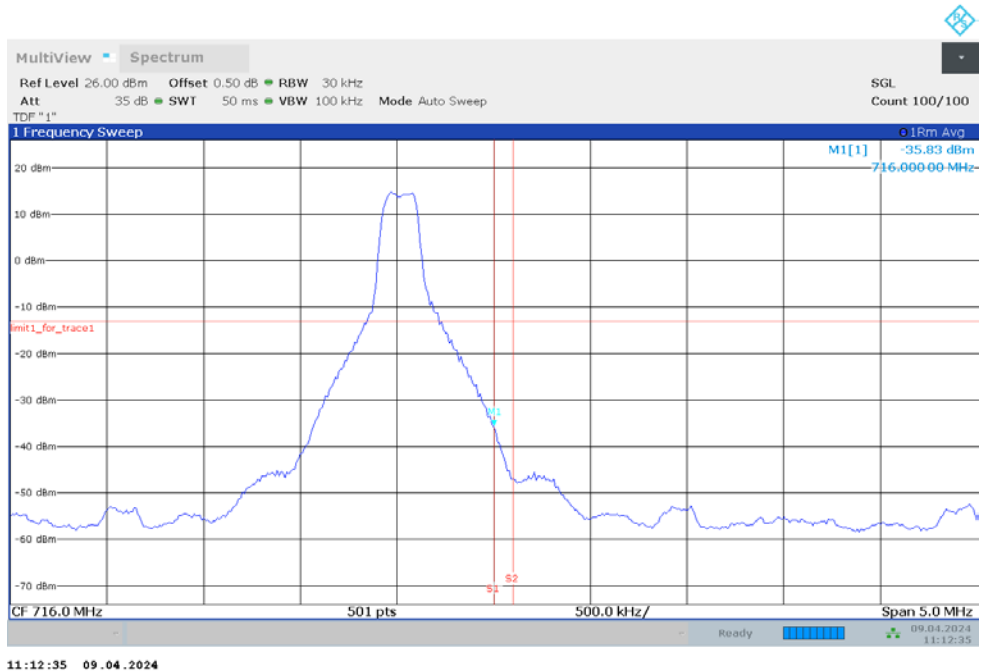
LOW BAND EDGE BLOCK-15M-1RB-LOW_offset



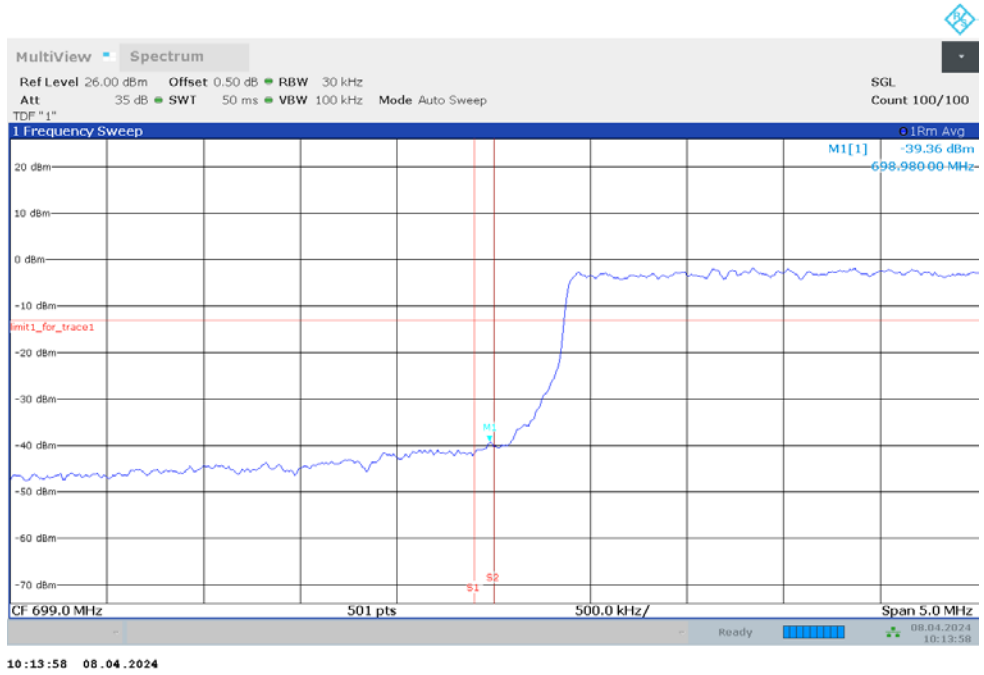
OBW: 1RB-HIGH_offset_15M



HIGH BAND EDGE BLOCK-15M-1RB-HIGH_offset



LOW BAND EDGE BLOCK-15M-100%RB



HIGH BAND EDGE BLOCK-15M-100%RB

