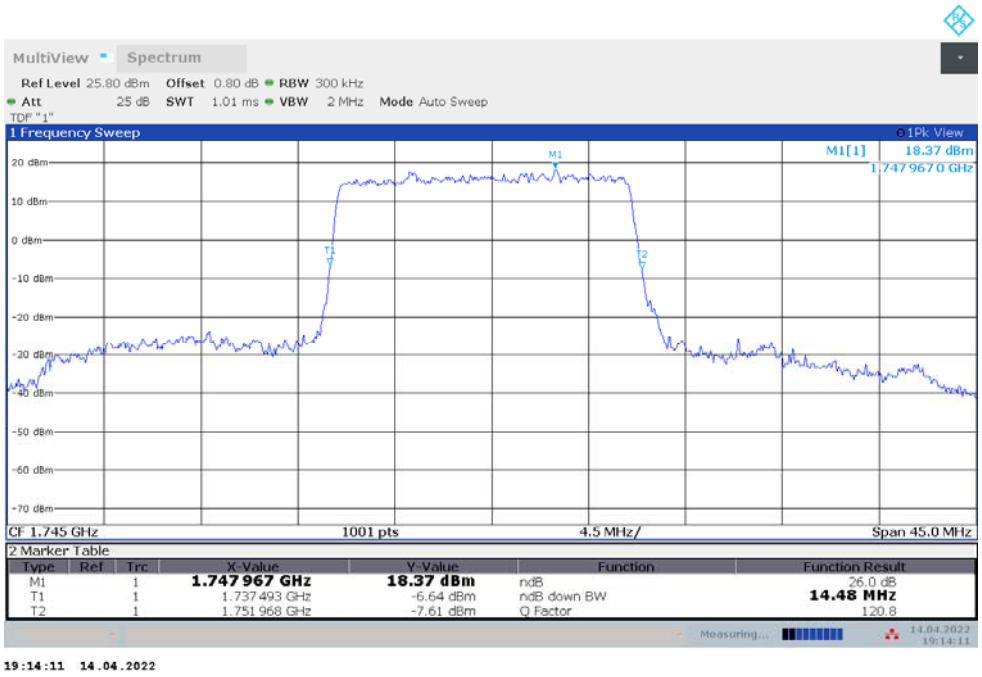
n66,15MHz(-26dBc)

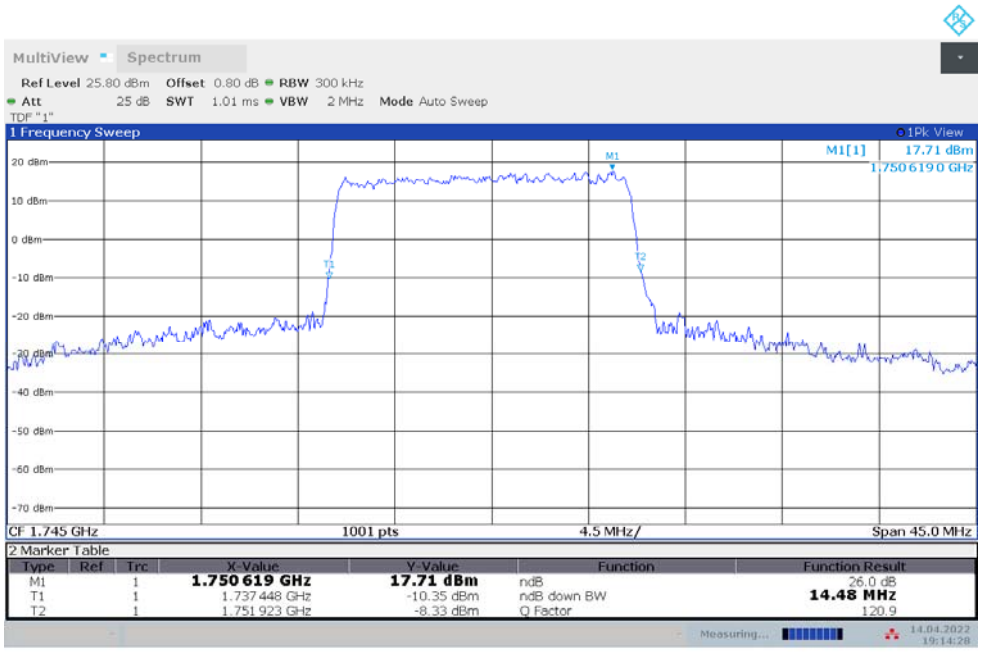
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1745	14.476	14.476

n66,15MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



19:14:11 14.04.2022

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

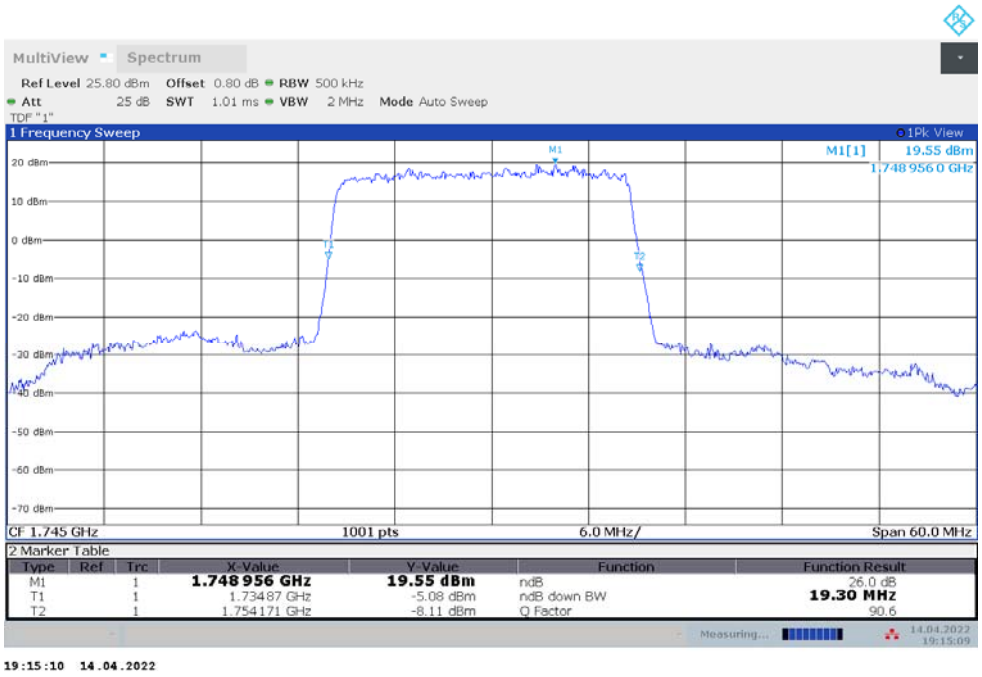


19:14:29 14.04.2022

n66,20MHz(-26dBc)

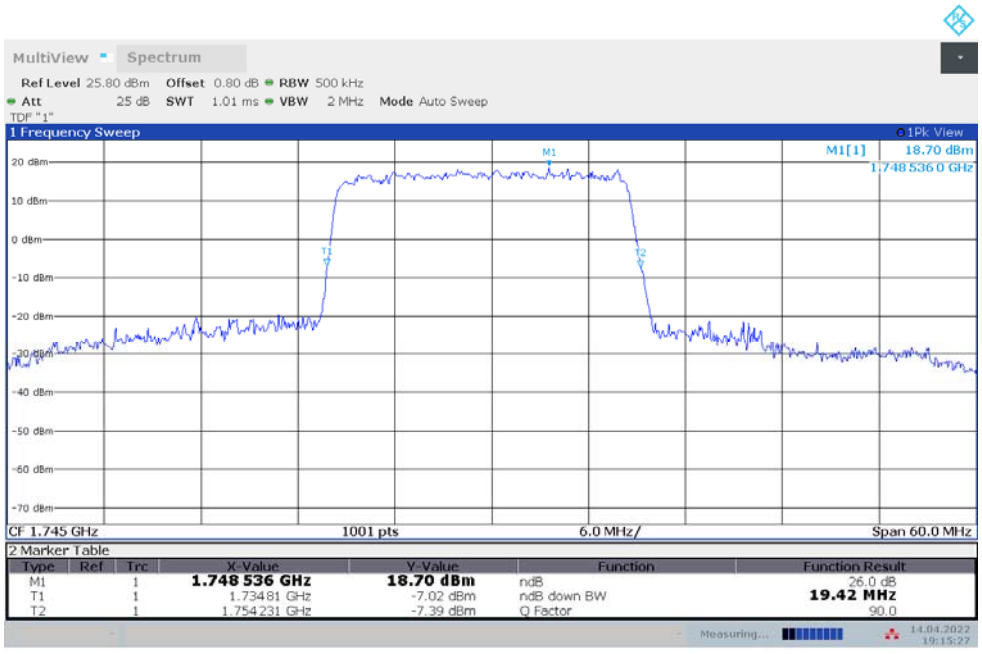
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1745	19.301	19.421

n66,20MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



19:15:10 14.04.2022

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

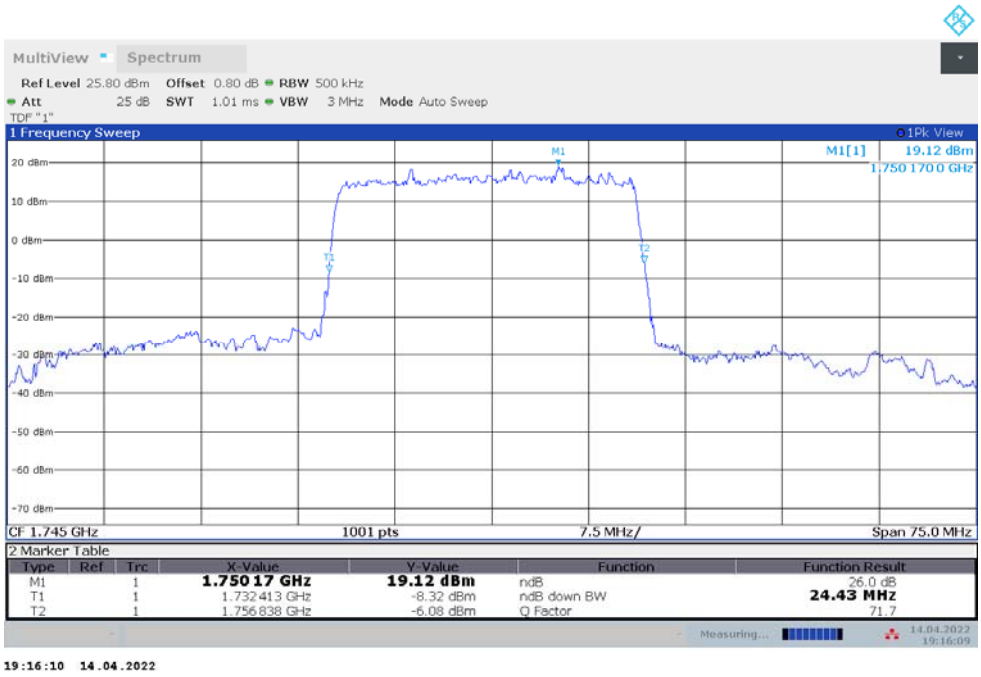


19:15:28 14.04.2022

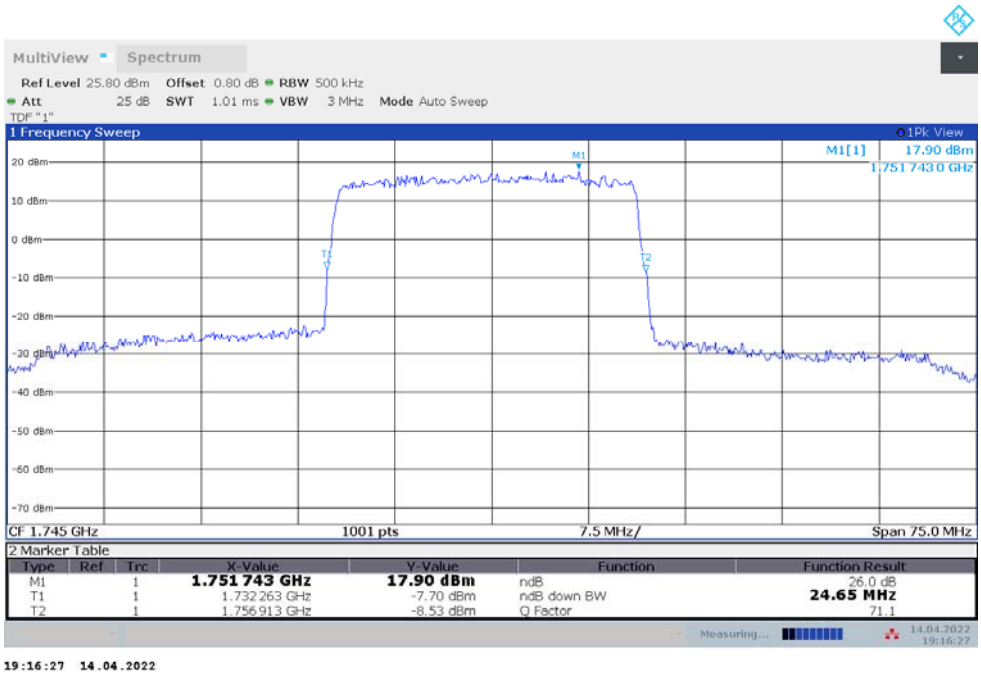
n66,25MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1745	24.426	24.650

n66,25MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



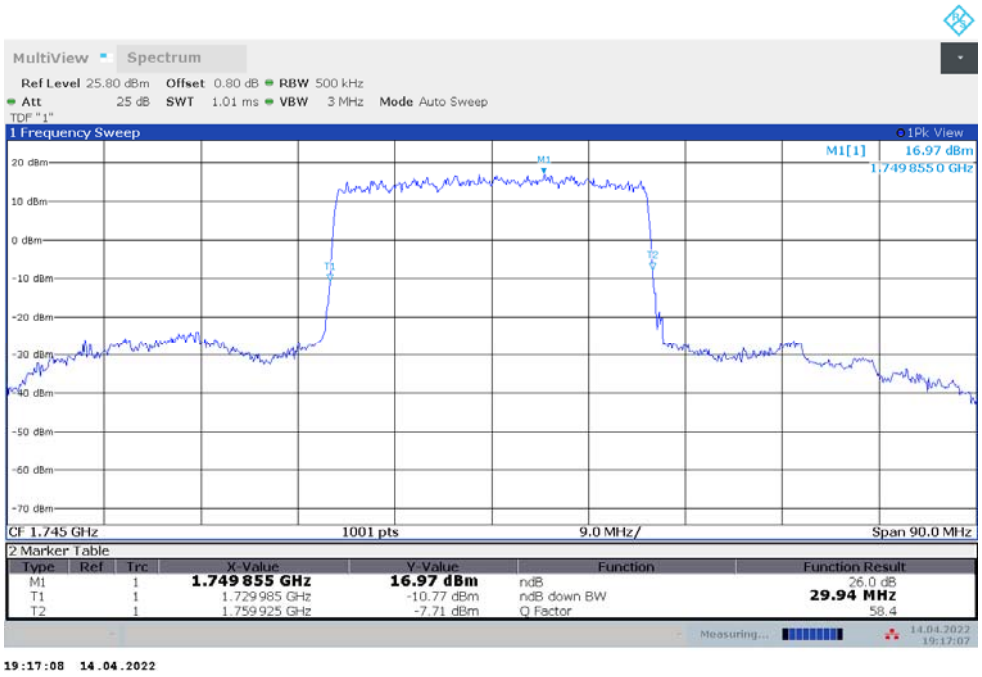
n66,25MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n66,30MHz(-26dBc)

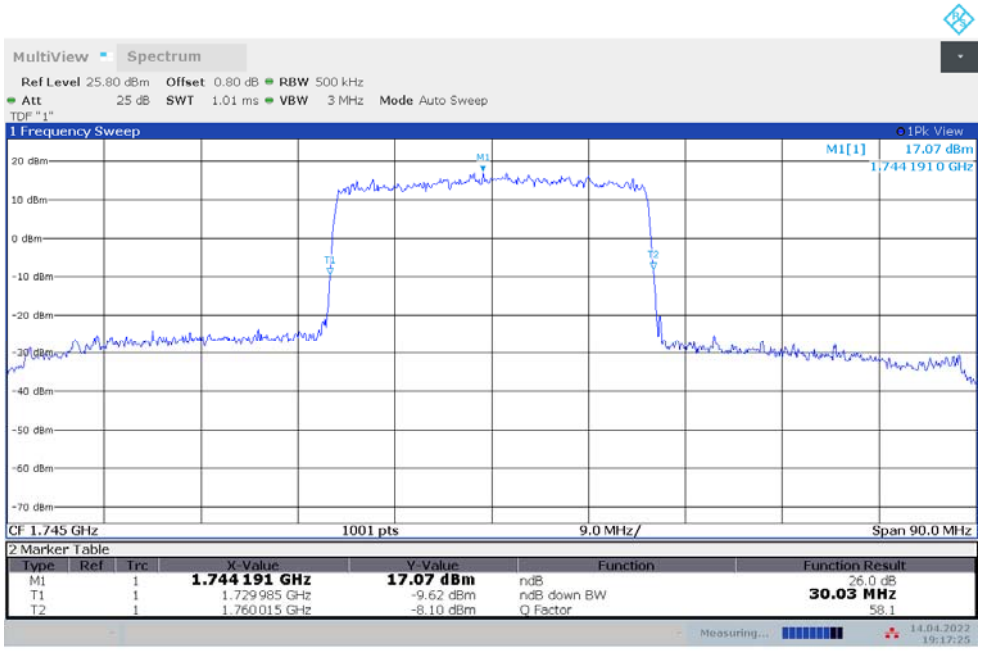
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1745	29.940	30.030

n66,30MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



19:17:08 14.04.2022

n66,30MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

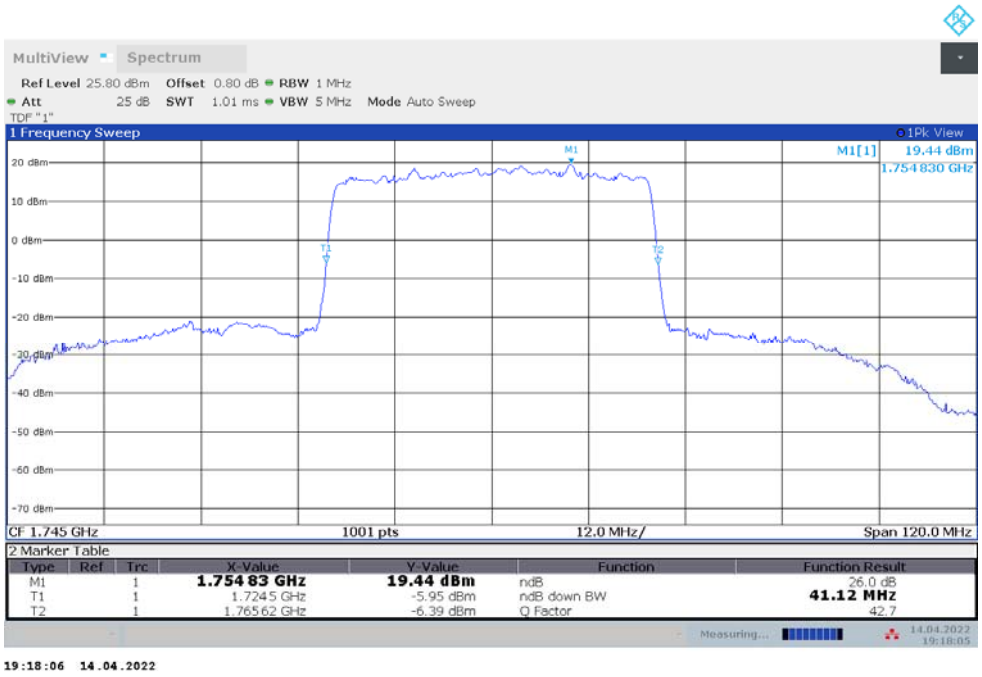


19:17:25 14.04.2022

n66,40MHz(-26dBc)

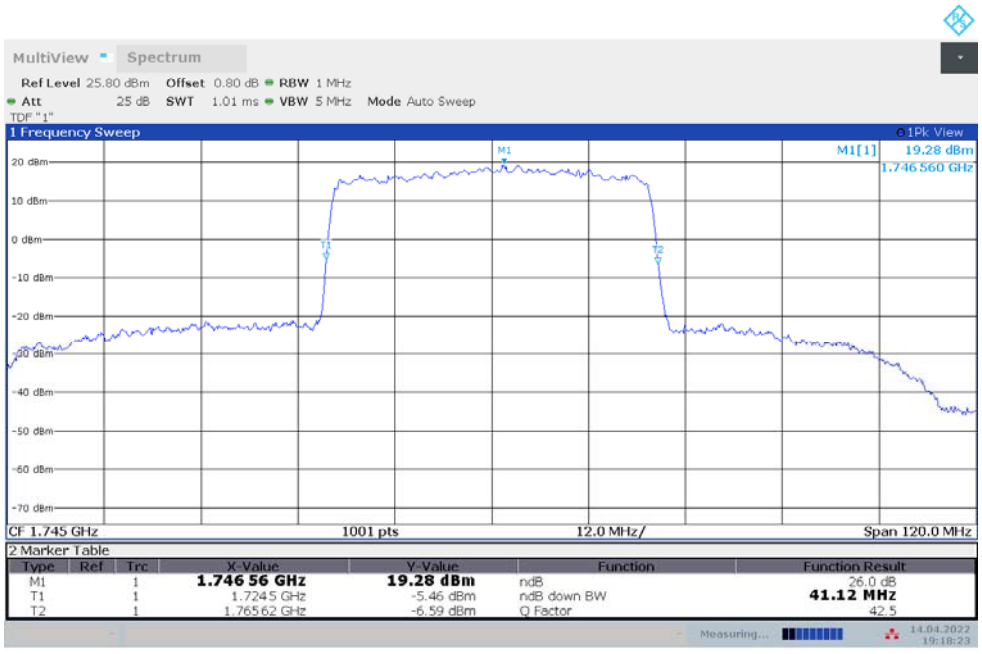
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1745	41.120	41.120

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



19:18:06 14.04.2022

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



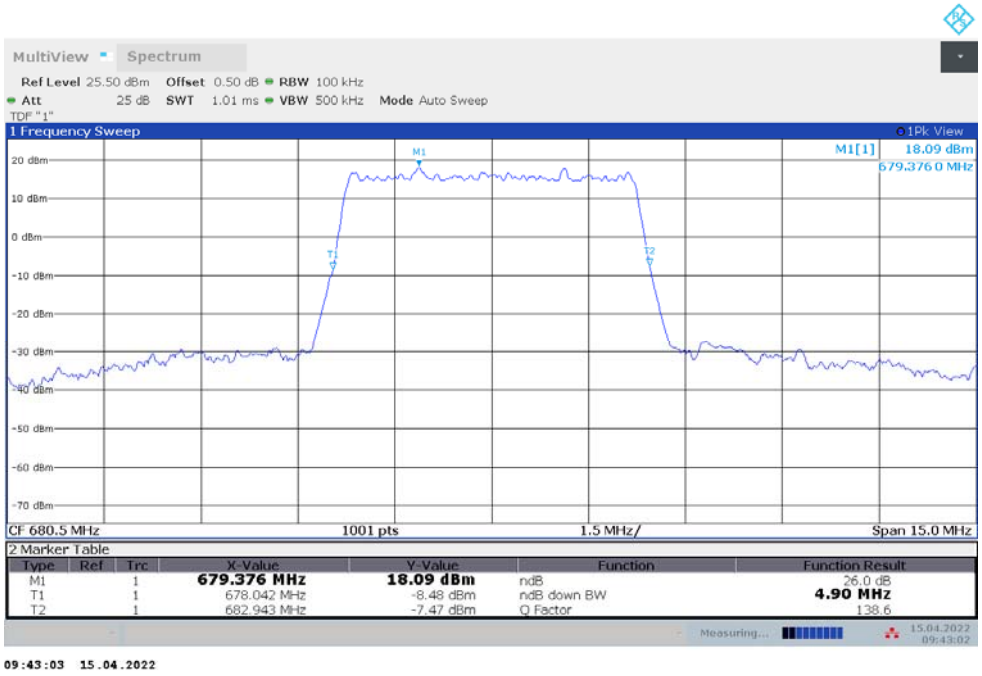
19:18:23 14.04.2022

n71

n71,5MHz(-26dBc)

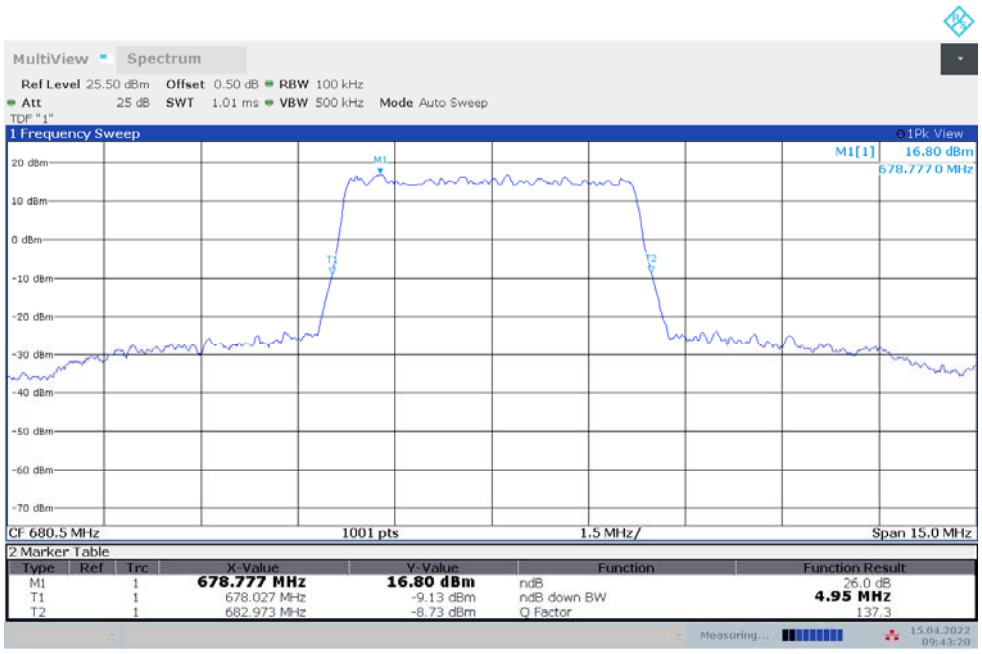
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
680.5	4.900	4.945

n71,5MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



09:43:03 15.04.2022

n71,5MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



09:43:21 15.04.2022

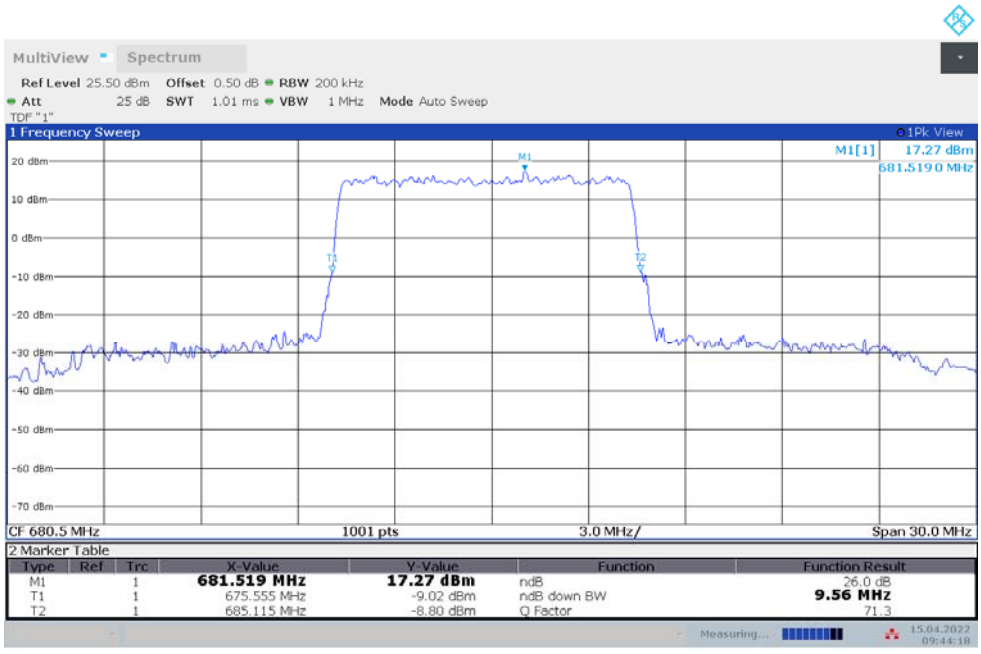
n71,10MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
680.5	9.740	9.560

n71,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)

09:44:01 15.04.2022

n71,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

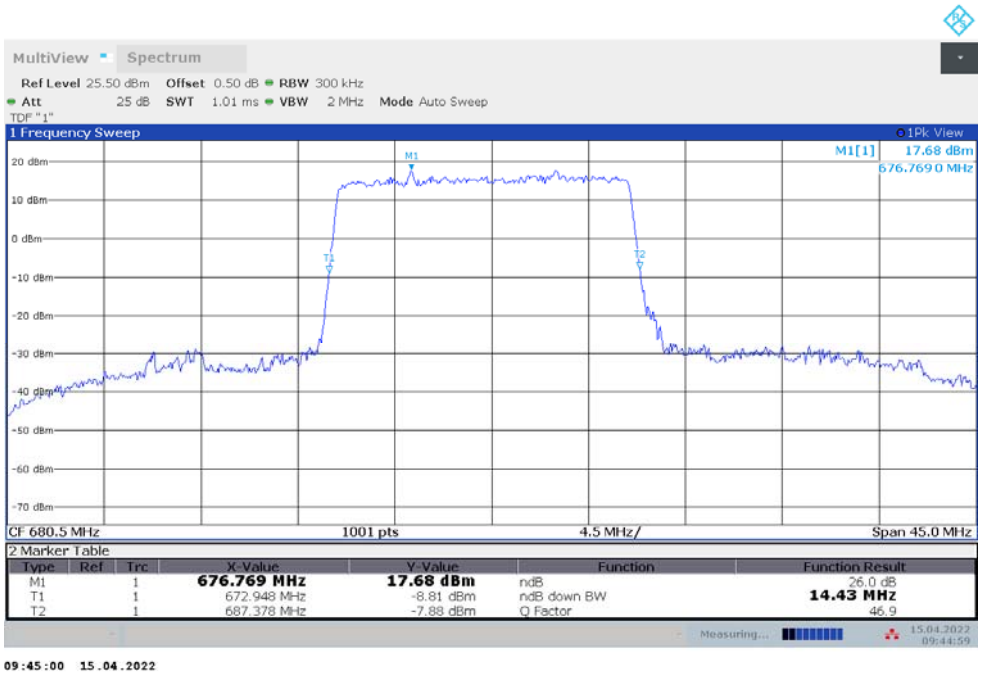


09:44:19 15.04.2022

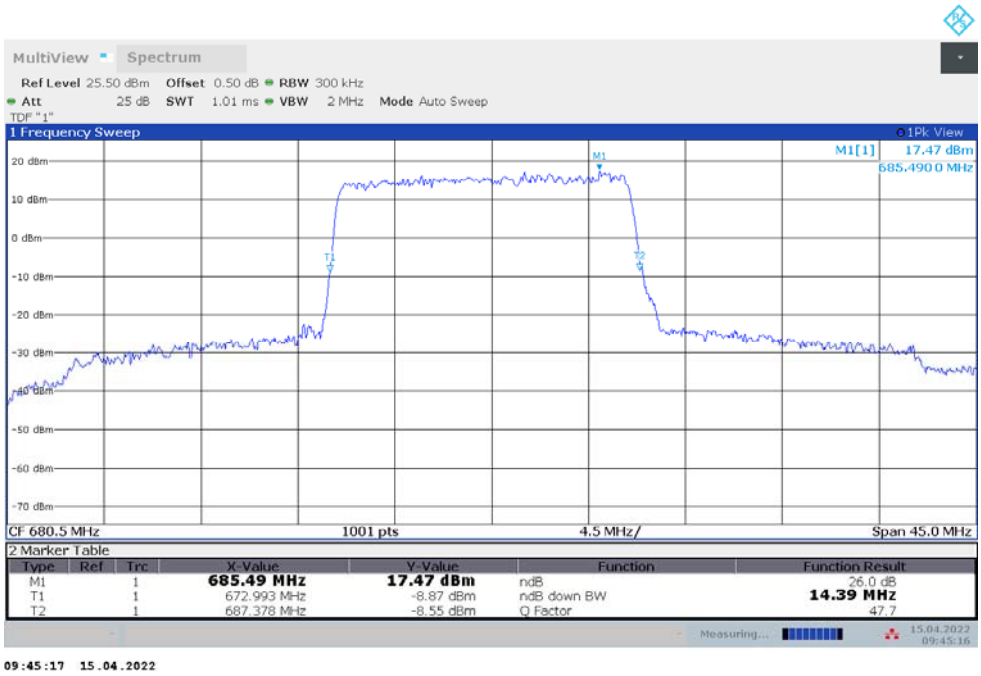
n71,15MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
680.5	14.431	14.386

n71,15MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



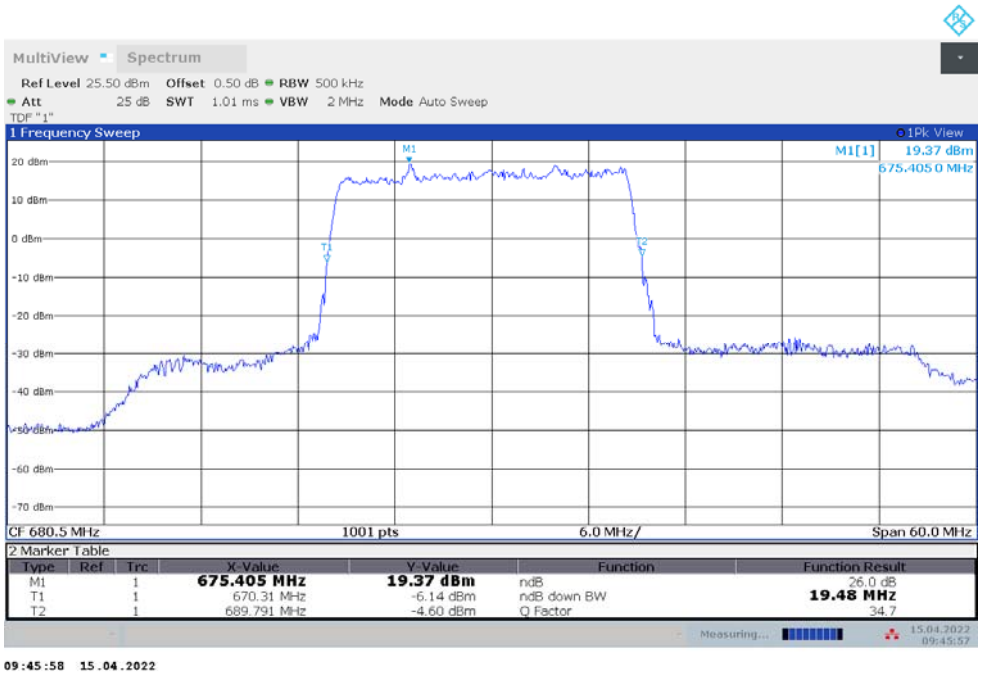
n71,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n71,20MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
680.5	19.481	19.481

n71,20MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



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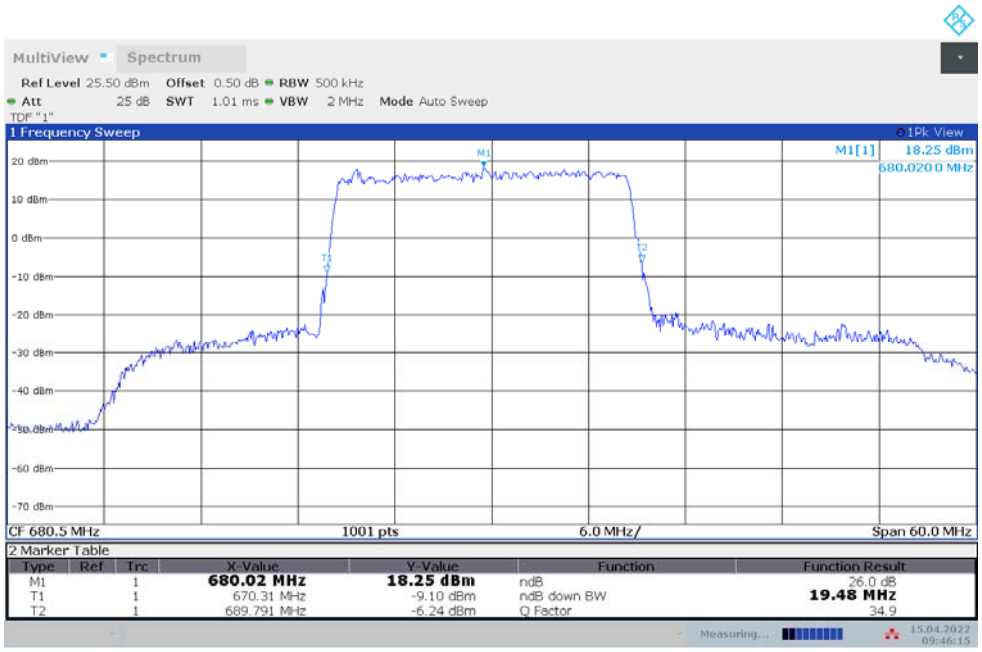
n71,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



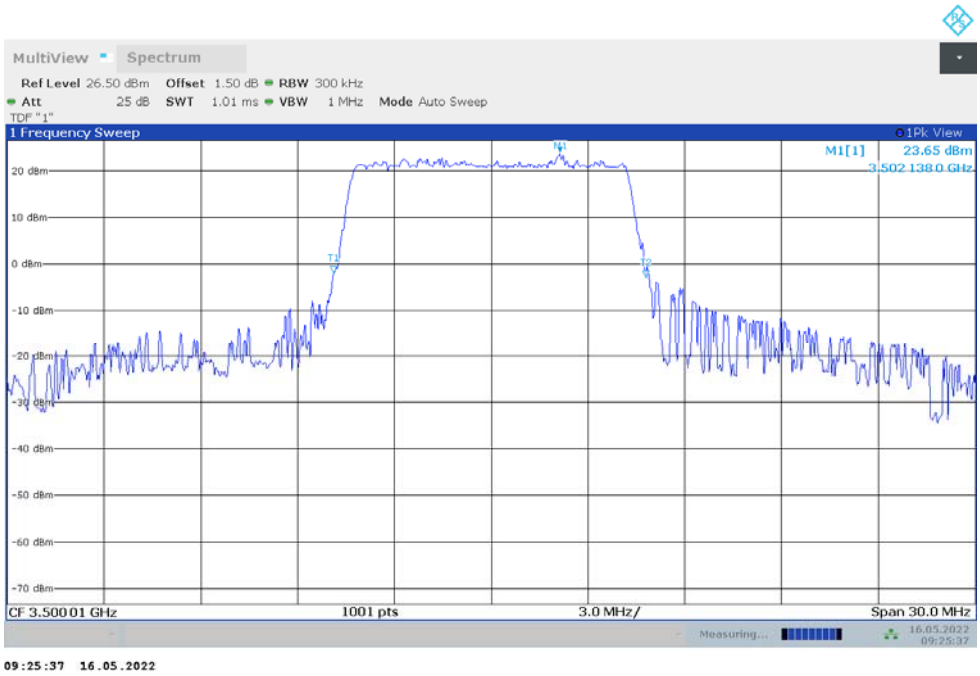
09:46:16 15.04.2022

n77L

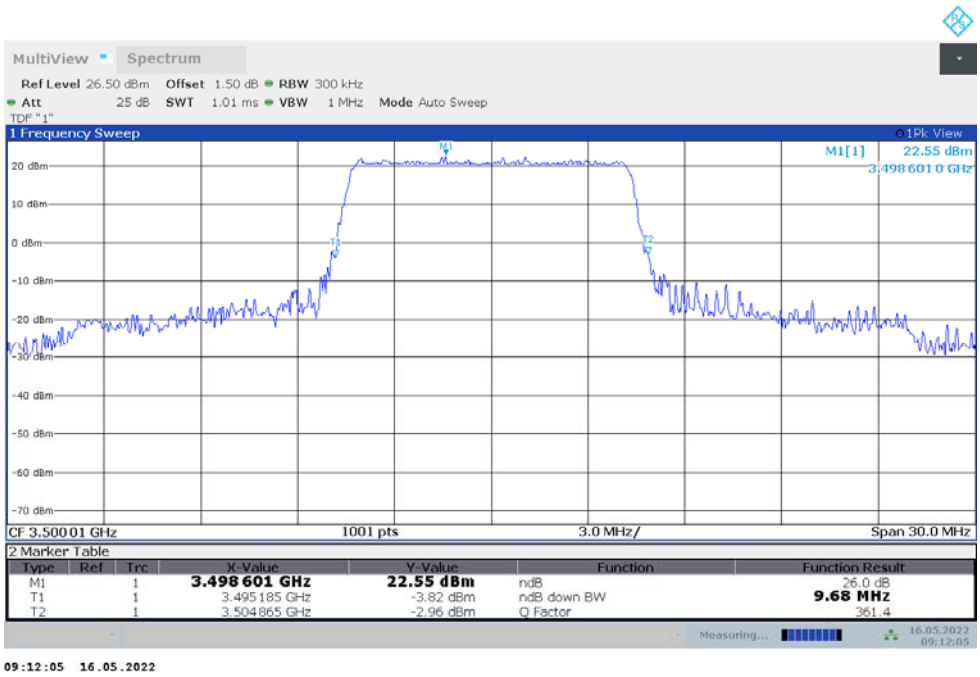
n77L,10MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	9.680	9.680

n77L,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



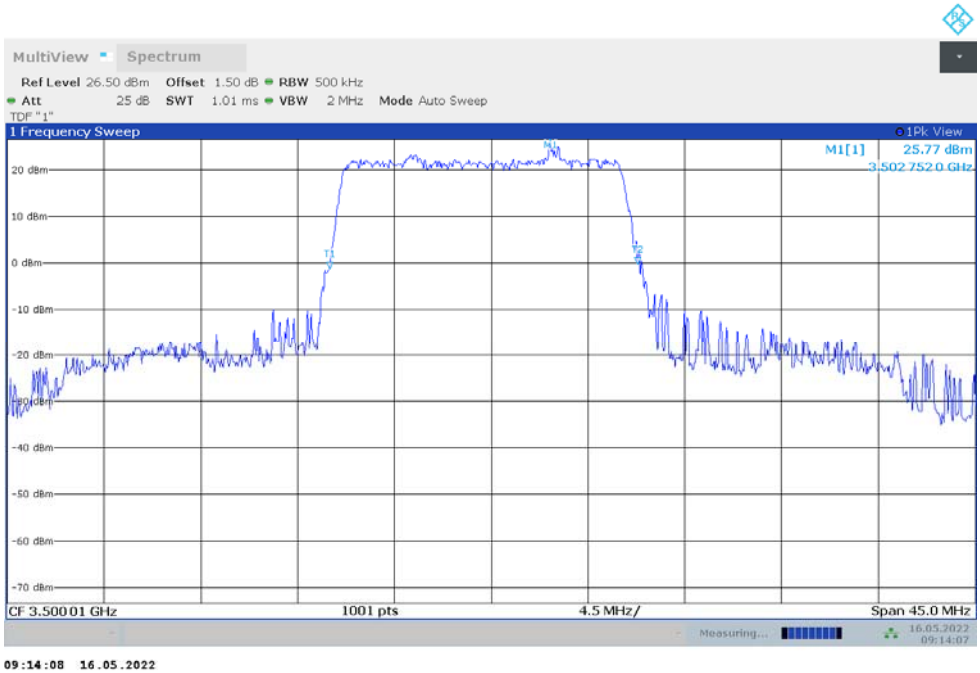
n77L,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



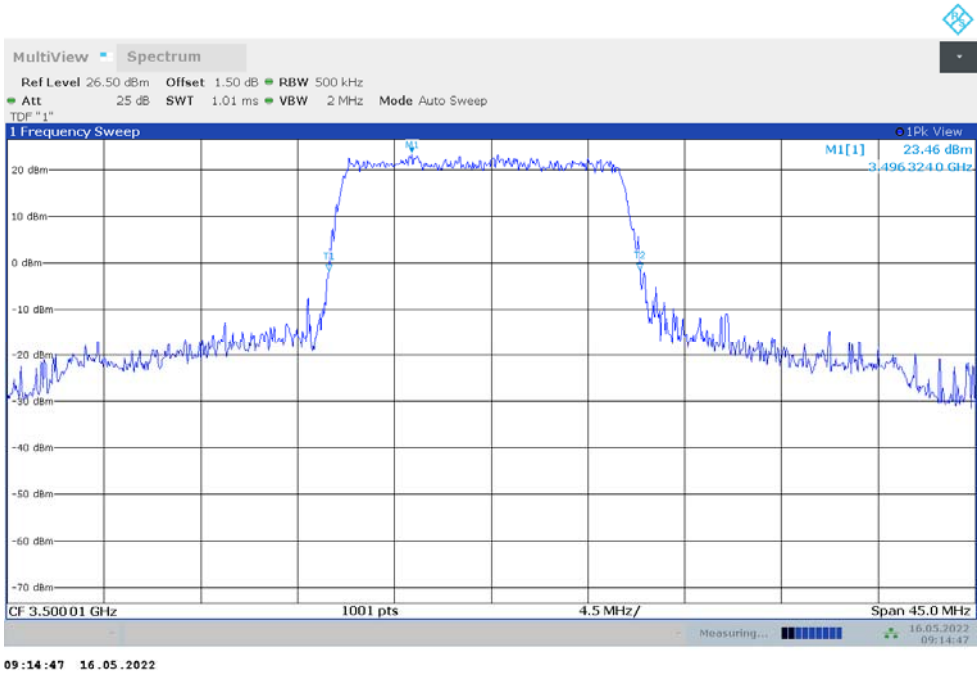
n77L,15MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	14.296	14.476

n77L,15MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



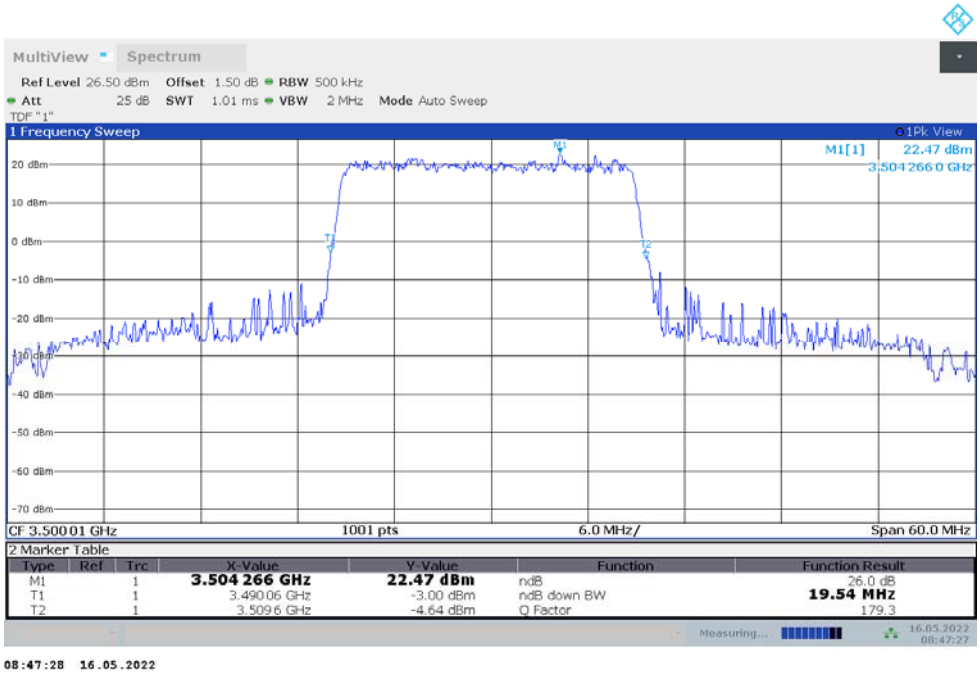
n77L,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n77L,20MHz(-26dBc)

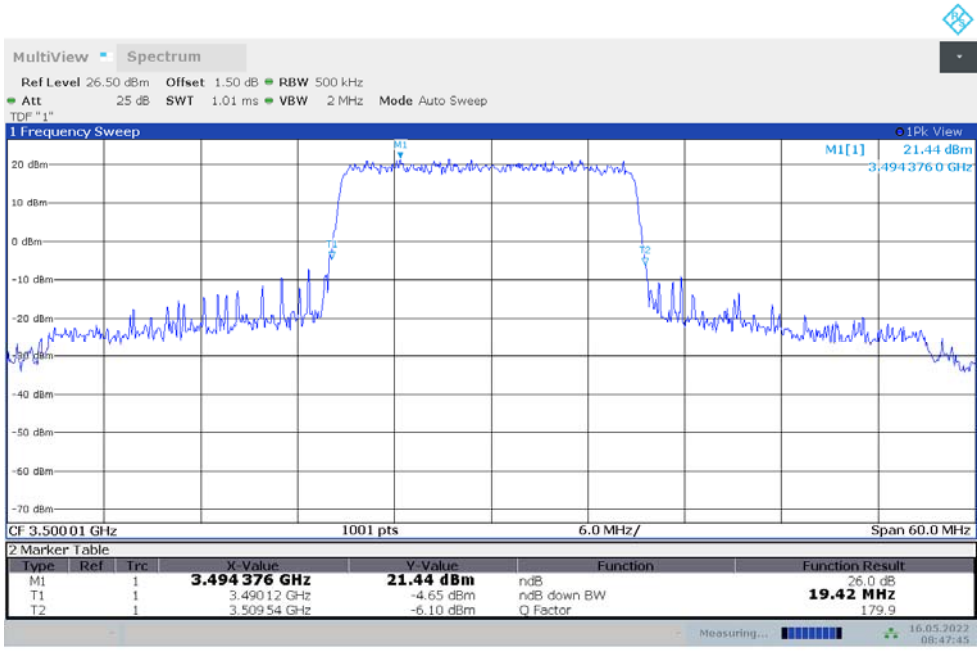
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	19.540	19.421

n77L,20MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



08:47:28 16.05.2022

n77L,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



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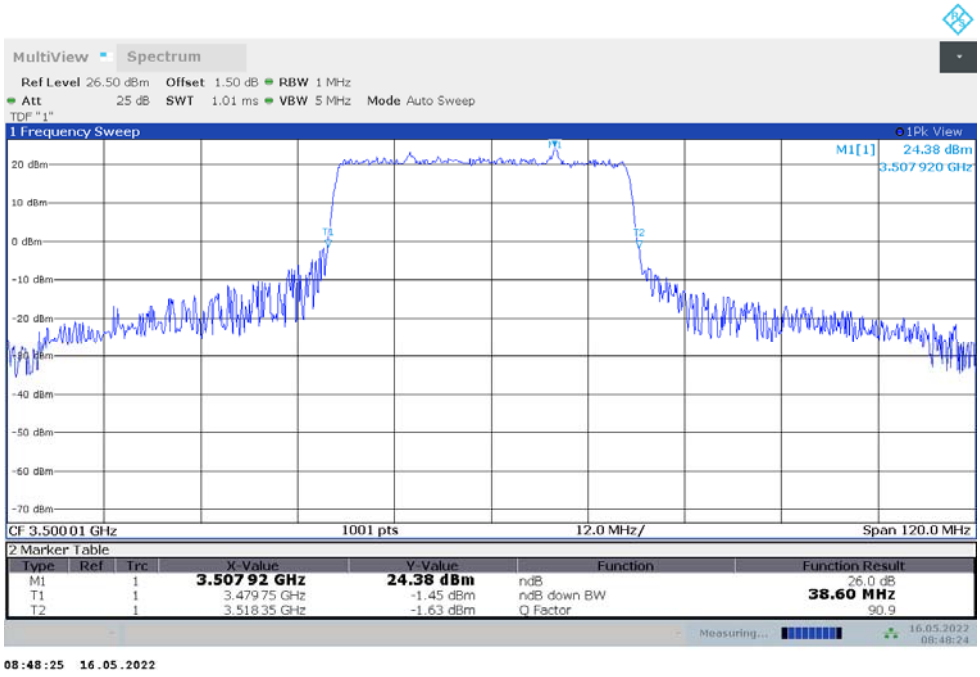
n77L,40MHz(-26dBc)

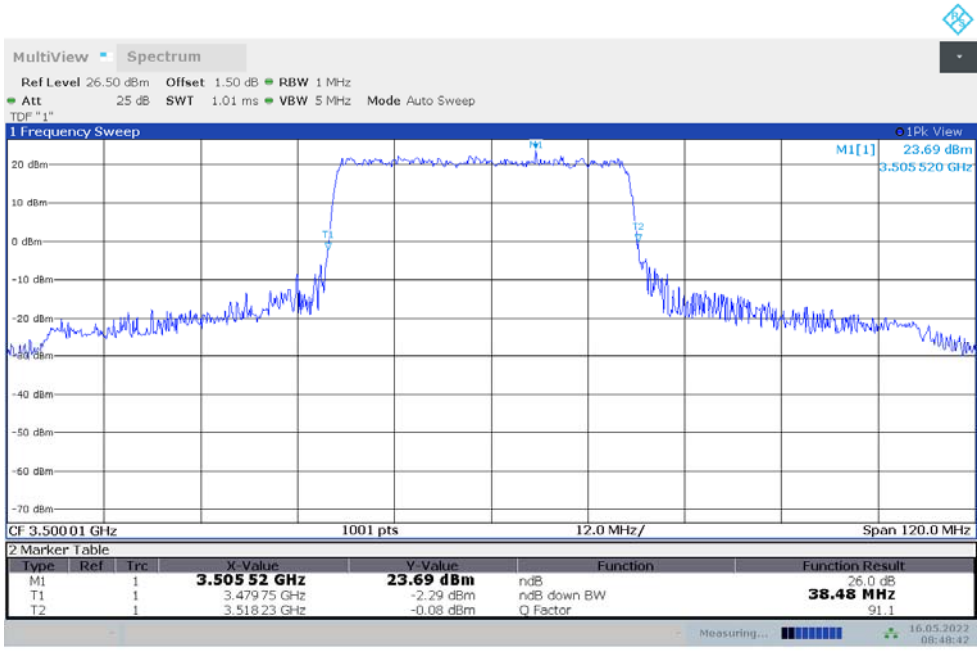
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	38.600	38.480

n77L,40MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



08:48:25 16.05.2022

n77L,40MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

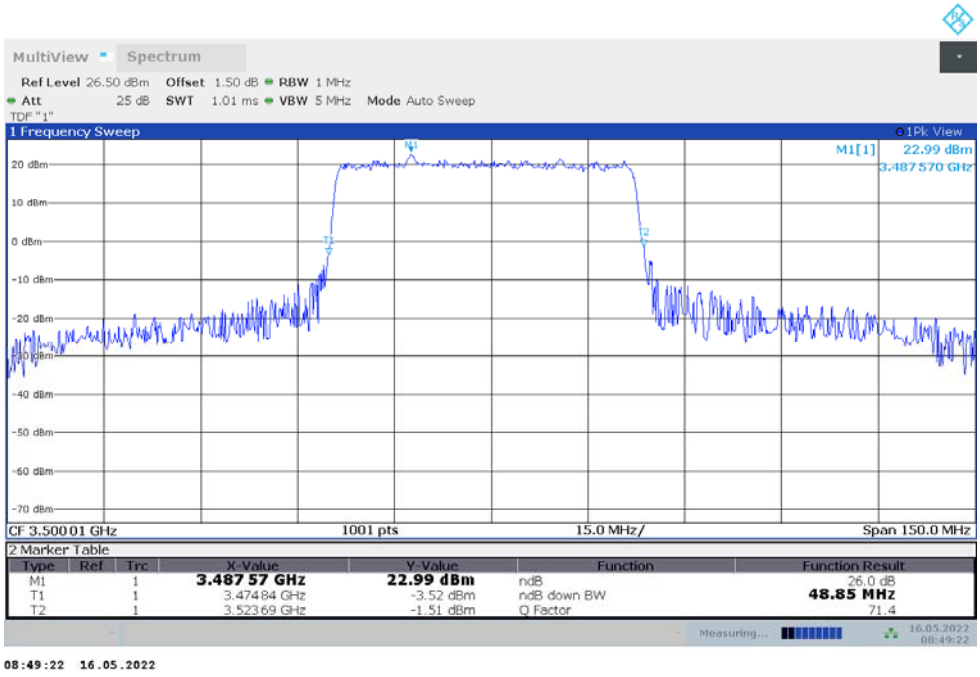


08:48:43 16.05.2022

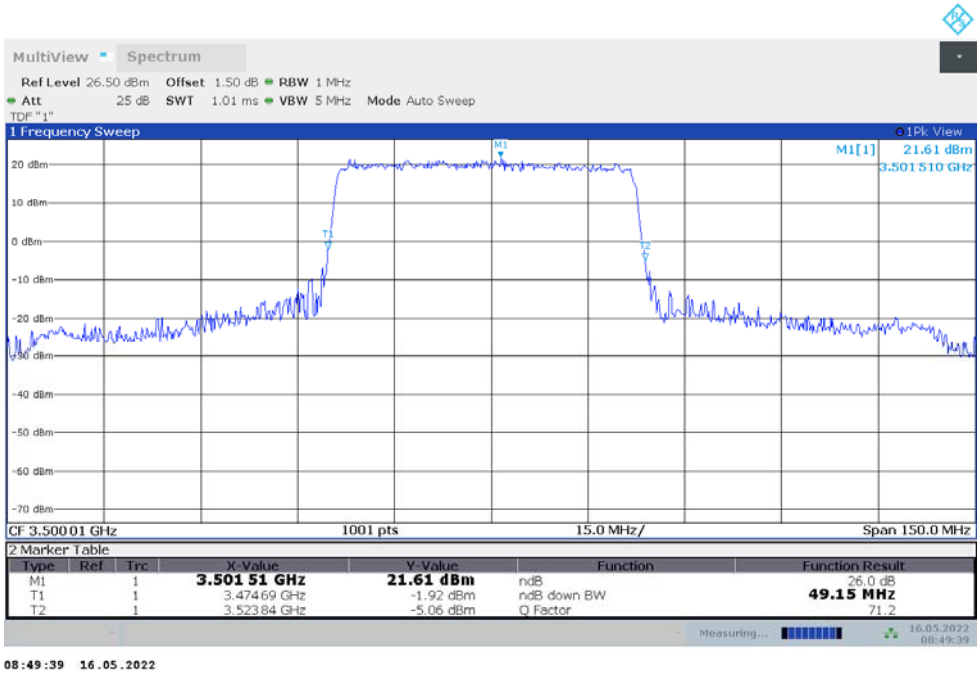
n77L,50MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	48.850	49.150

n77L,50MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



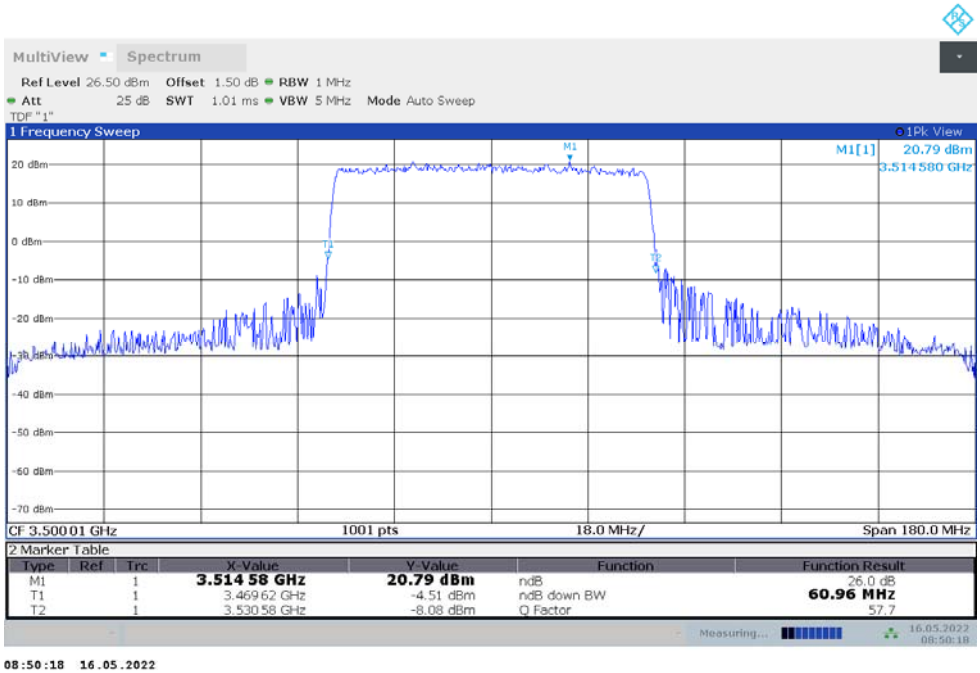
n77L,50MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n77L,60MHz(-26dBc)

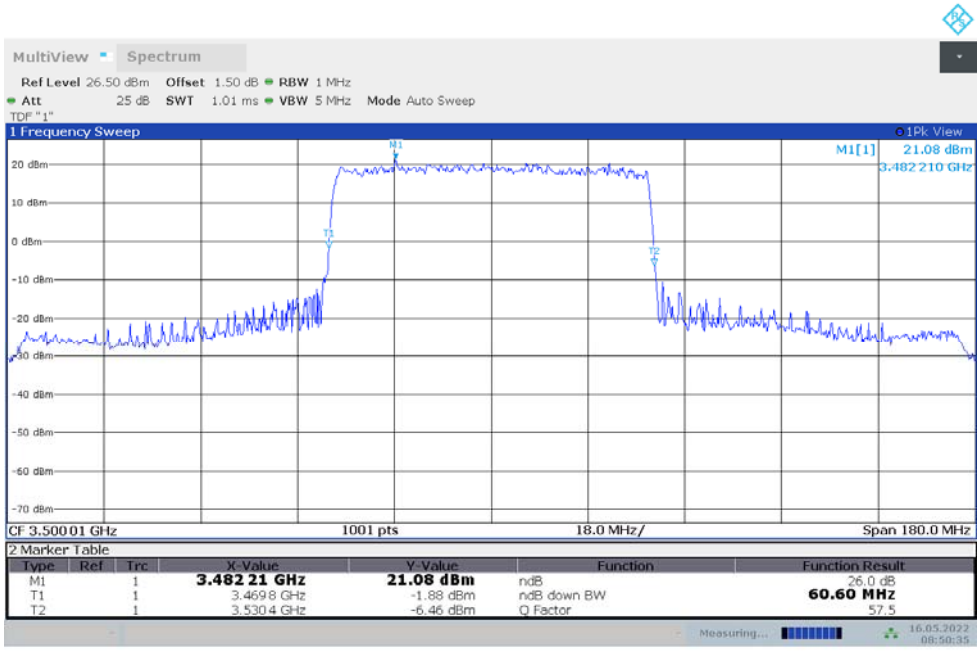
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	60.960	60.600

n77L,60MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



08:50:18 16.05.2022

n77L,60MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



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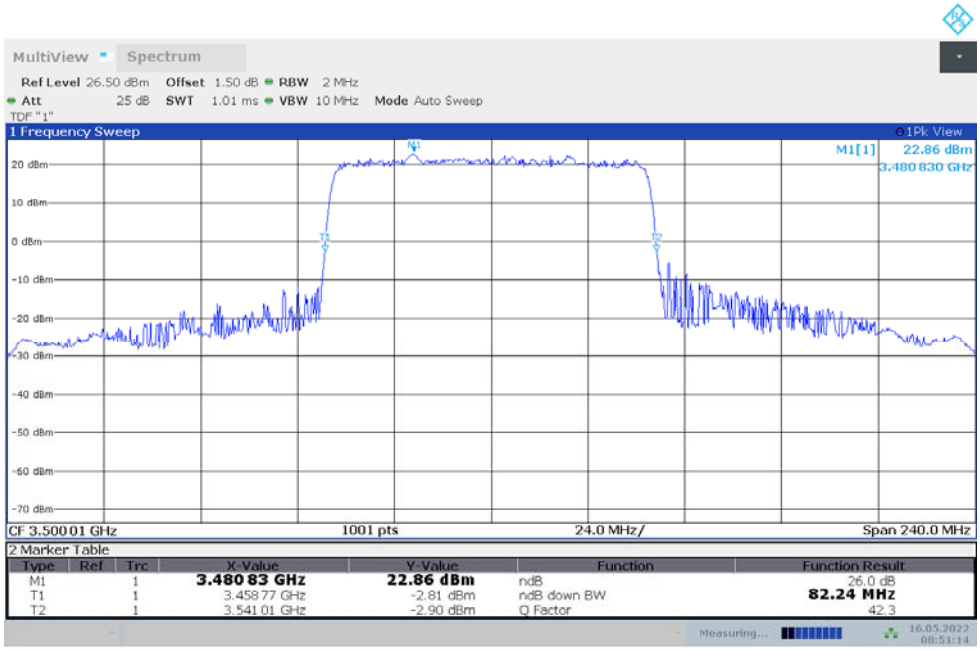
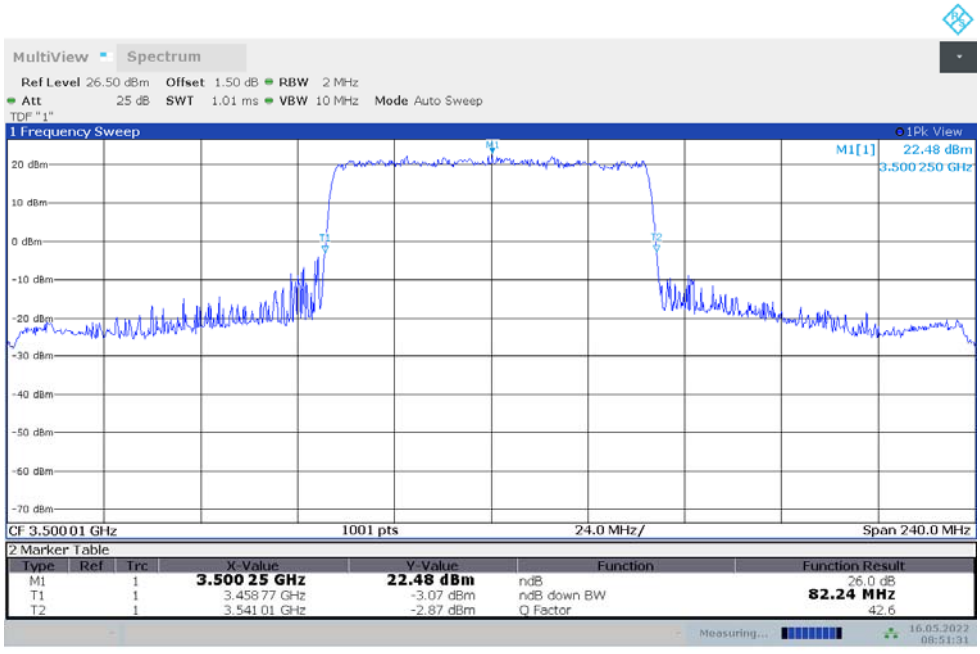
n77L,80MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	82.240	82.240

n77L,80MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



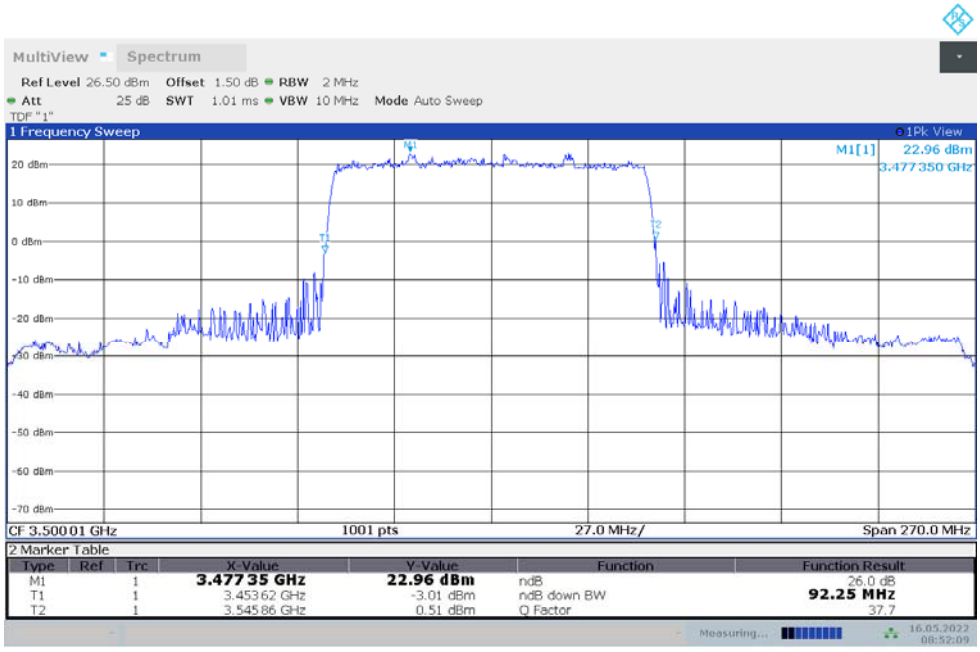
n77L,80MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n77L,90MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	92.250	91.980

n77L,90MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



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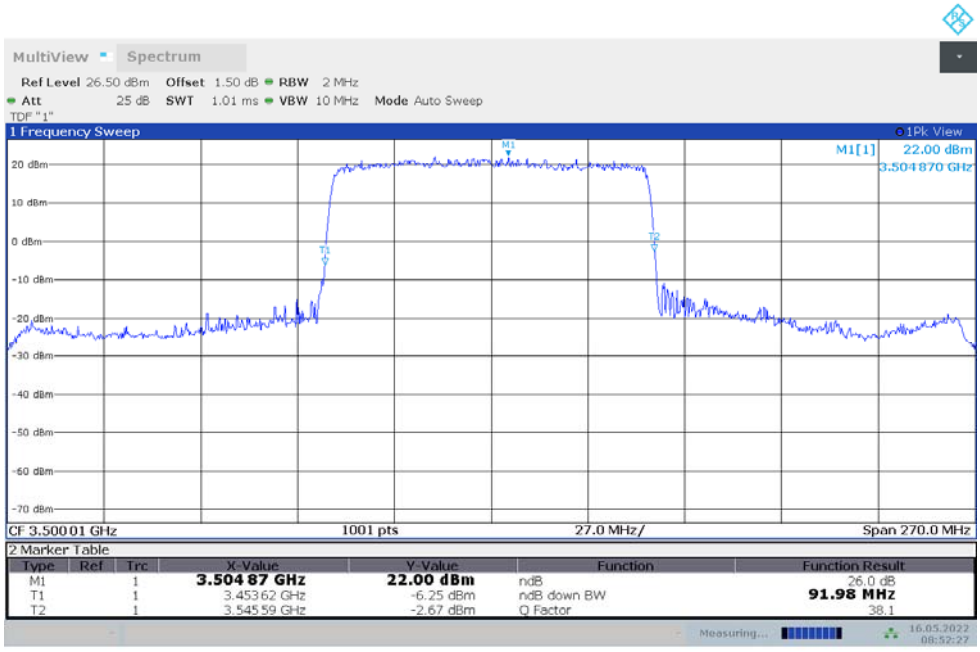
n77L,90MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



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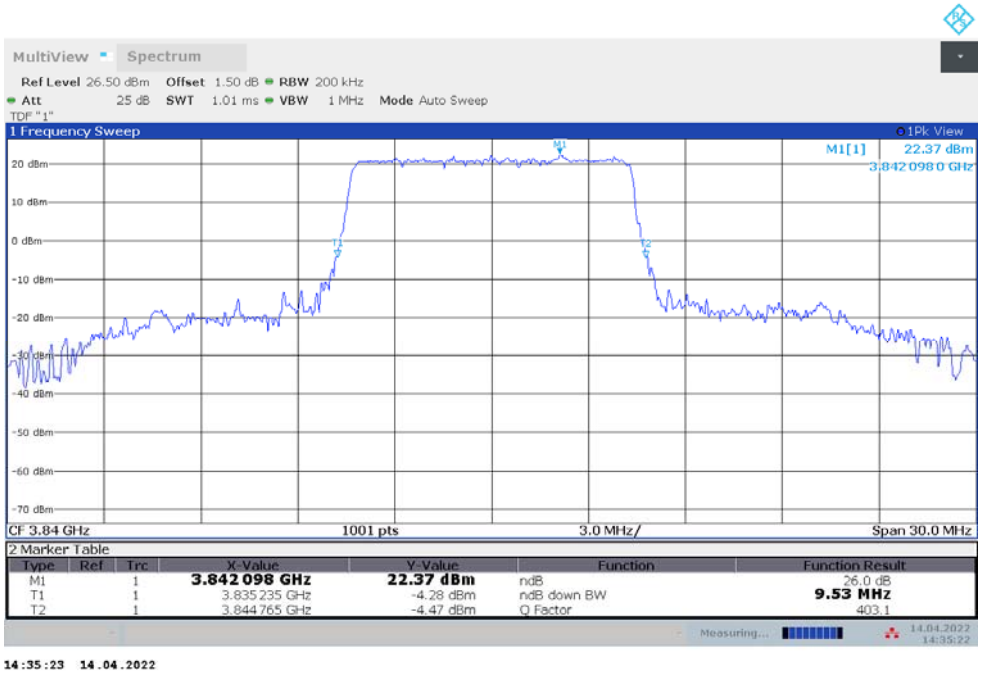
n77H

n77H,10MHz(-26dBc)

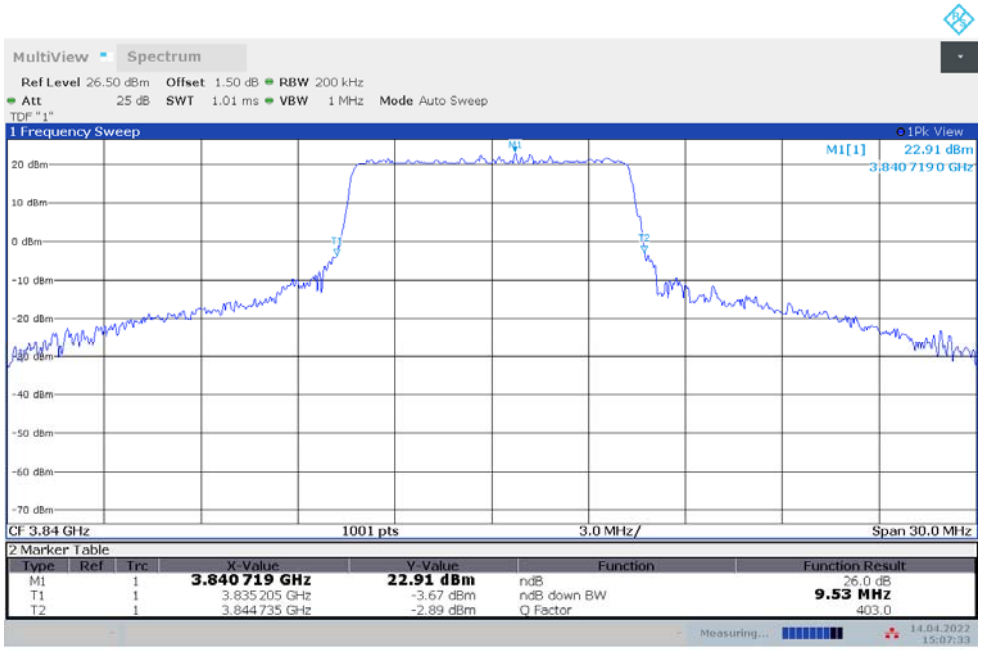
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	9.530	9.530

n77H,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



14:35:23 14.04.2022

n77H,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



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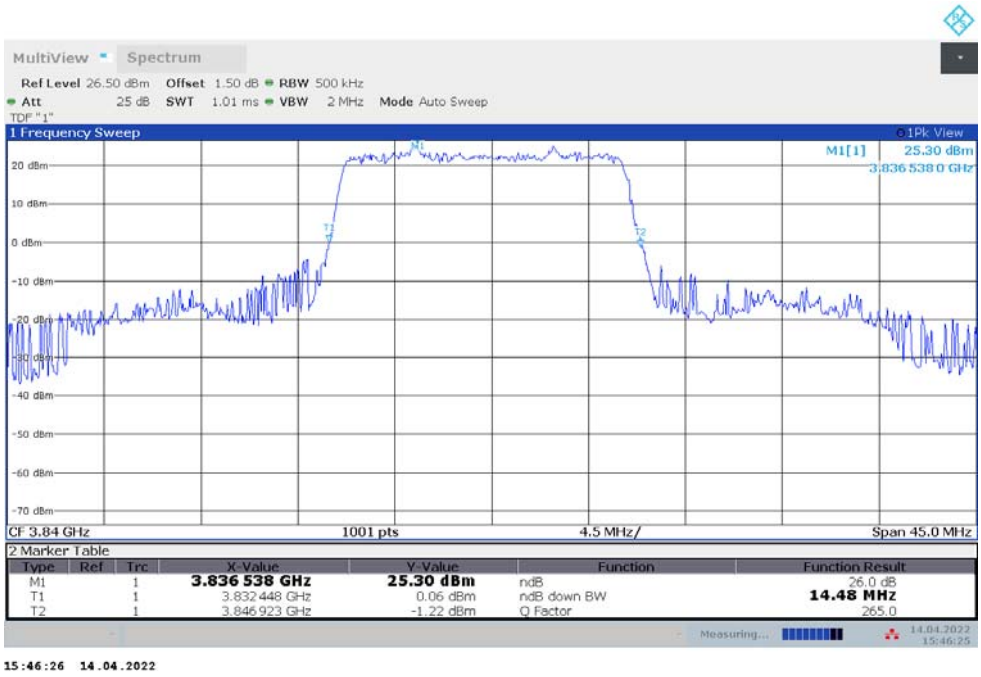
n77H,15MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	14.476	14.745

n77H,15MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



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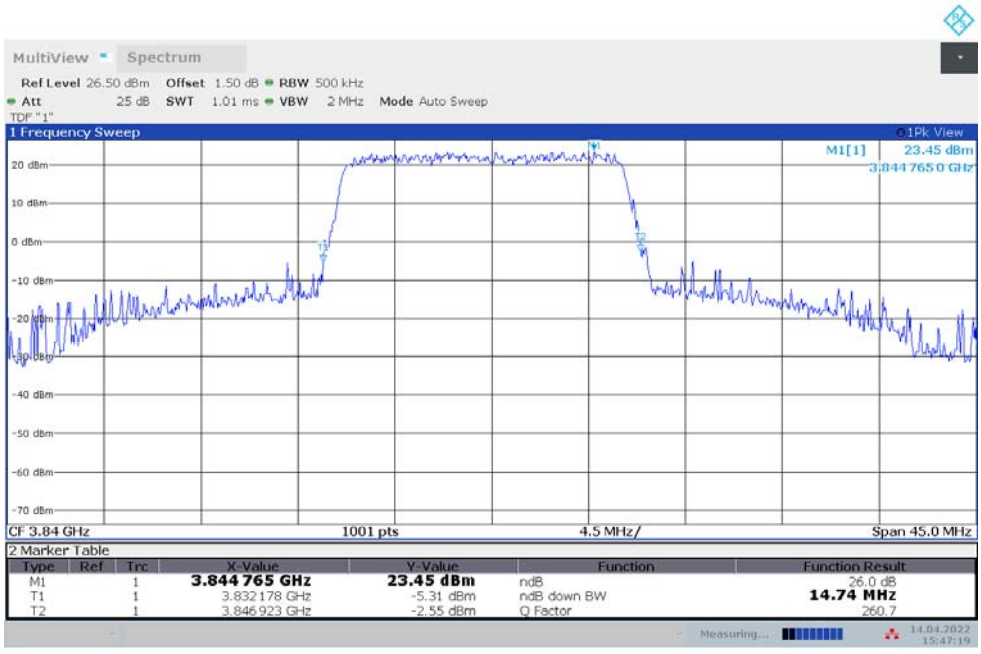
n77H,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



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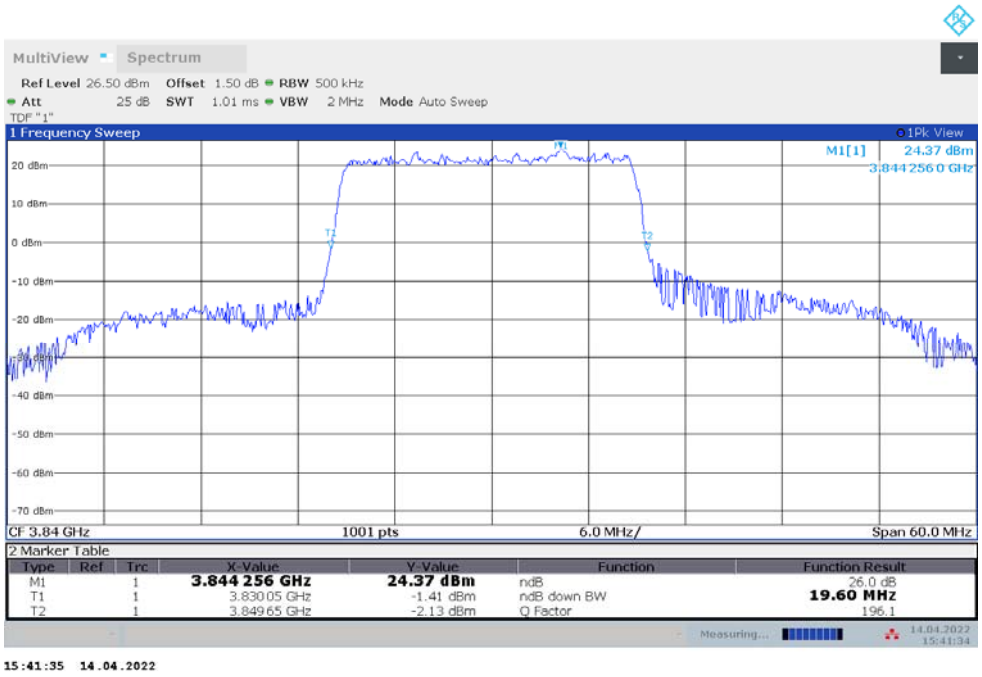
n77H,20MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	19.600	19.780

n77H,20MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



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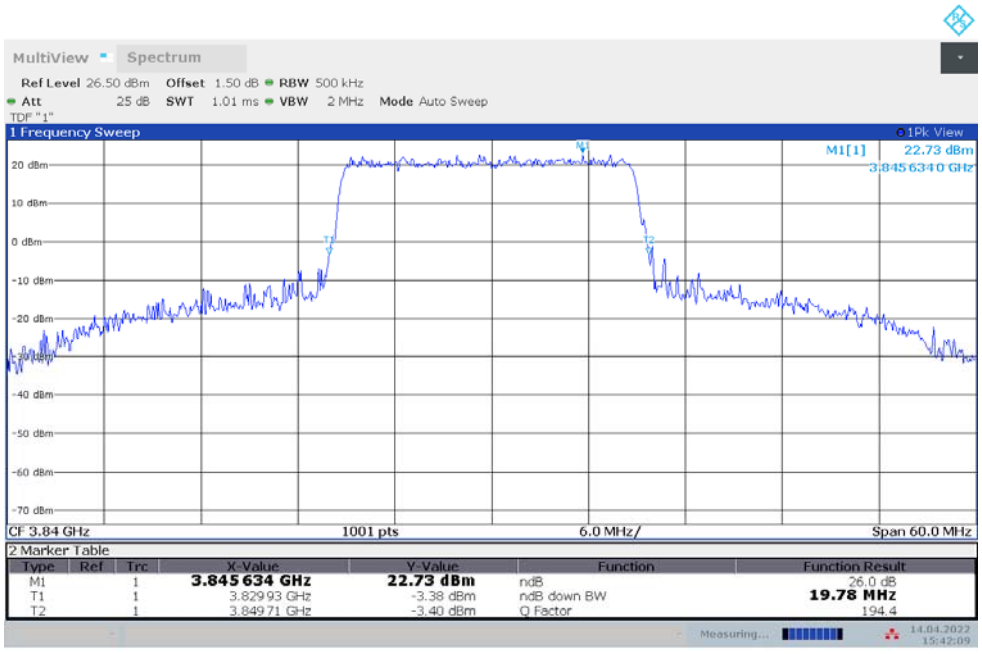
n77H,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

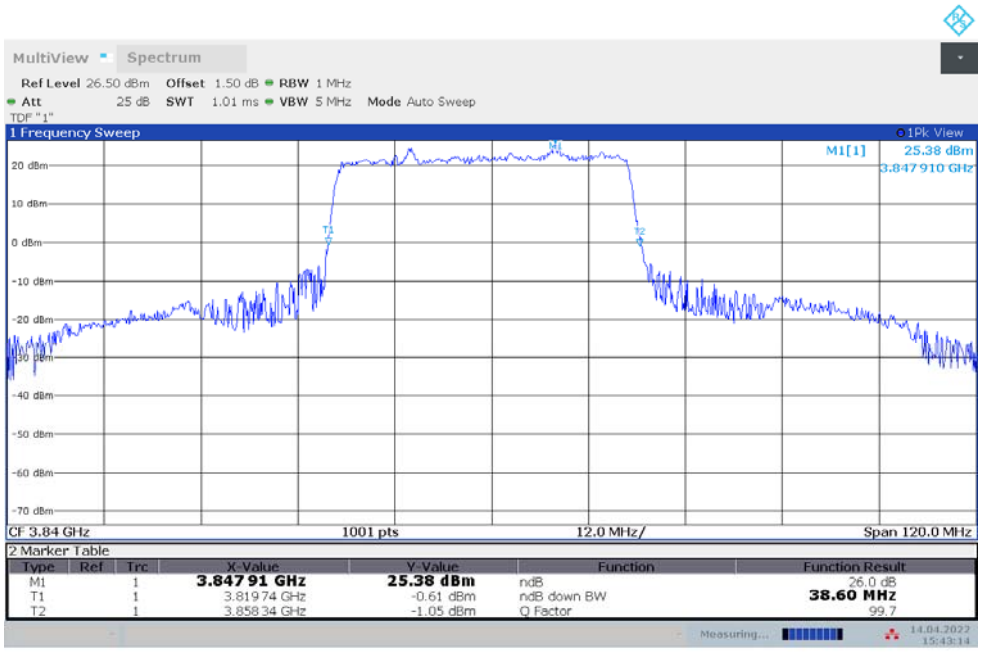


15:42:10 14.04.2022

n77H,40MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	38.600	38.600

n77H,40MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



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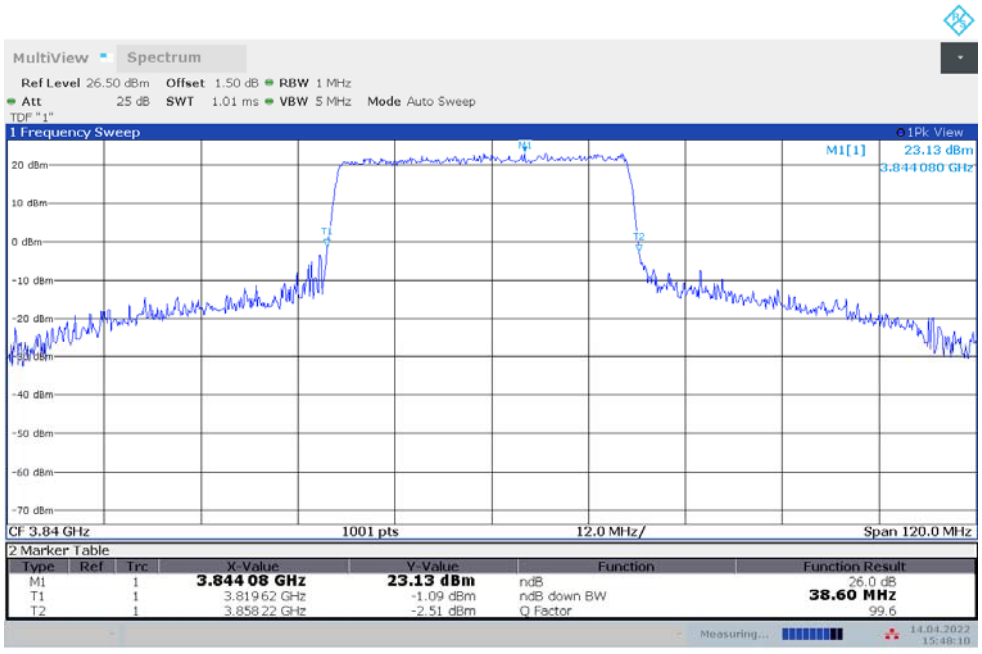
n77H,40MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

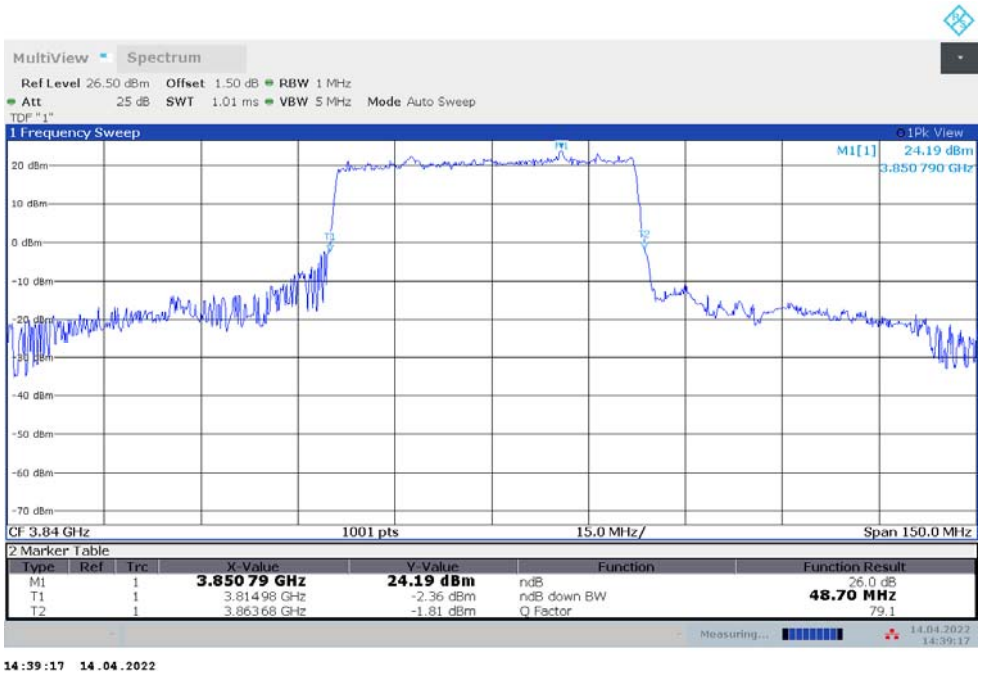


15:48:11 14.04.2022

n77H,50MHz(-26dBc)

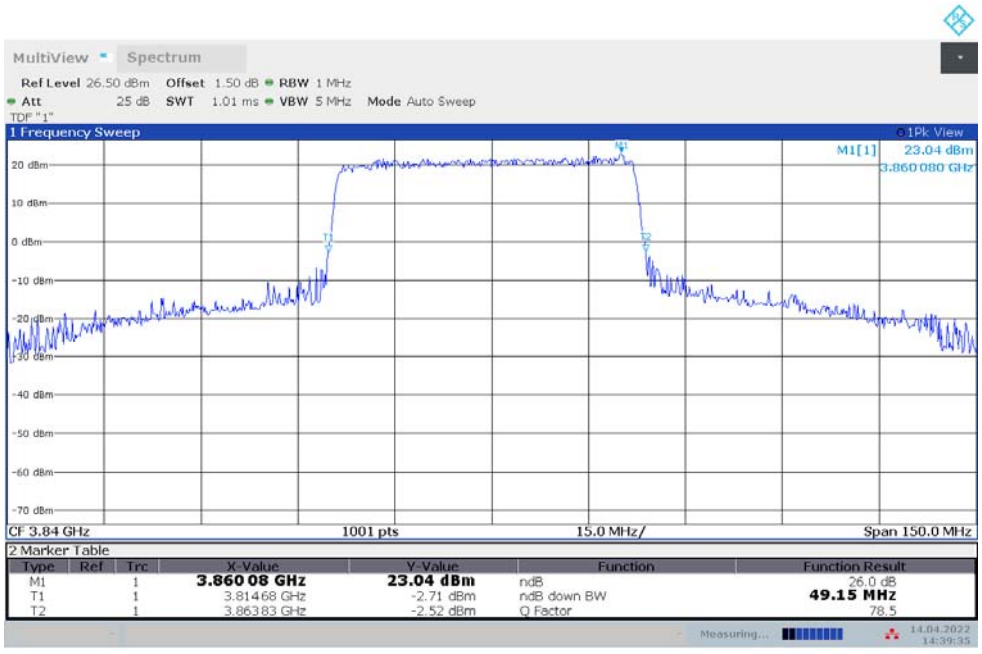
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	48.700	49.150

n77H,50MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



14:39:17 14.04.2022

n77H,50MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

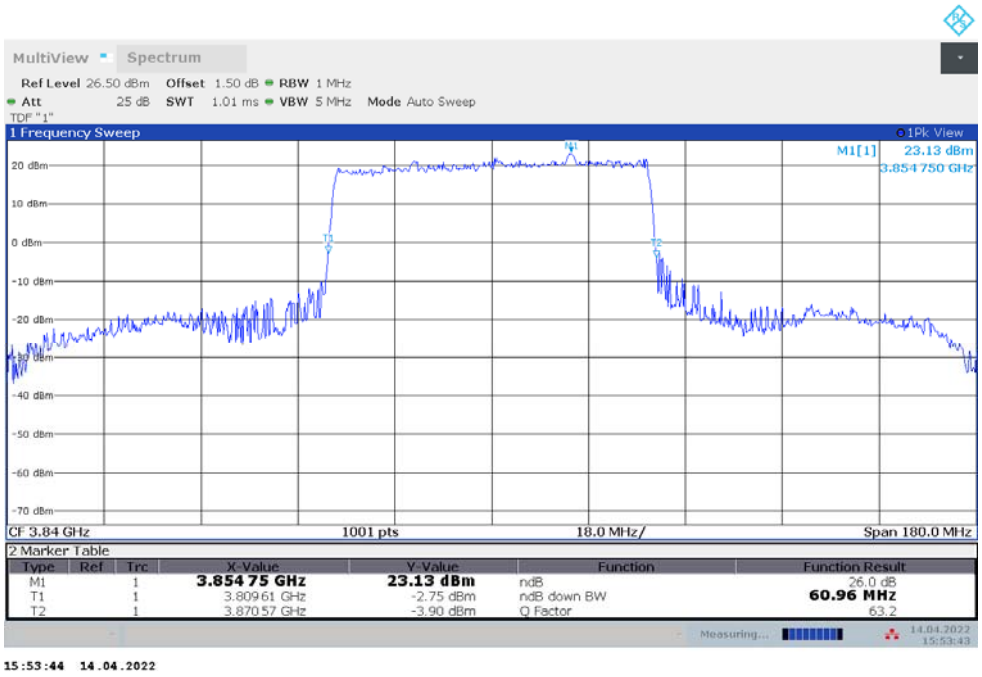


14:39:35 14.04.2022

n77H,60MHz(-26dBc)

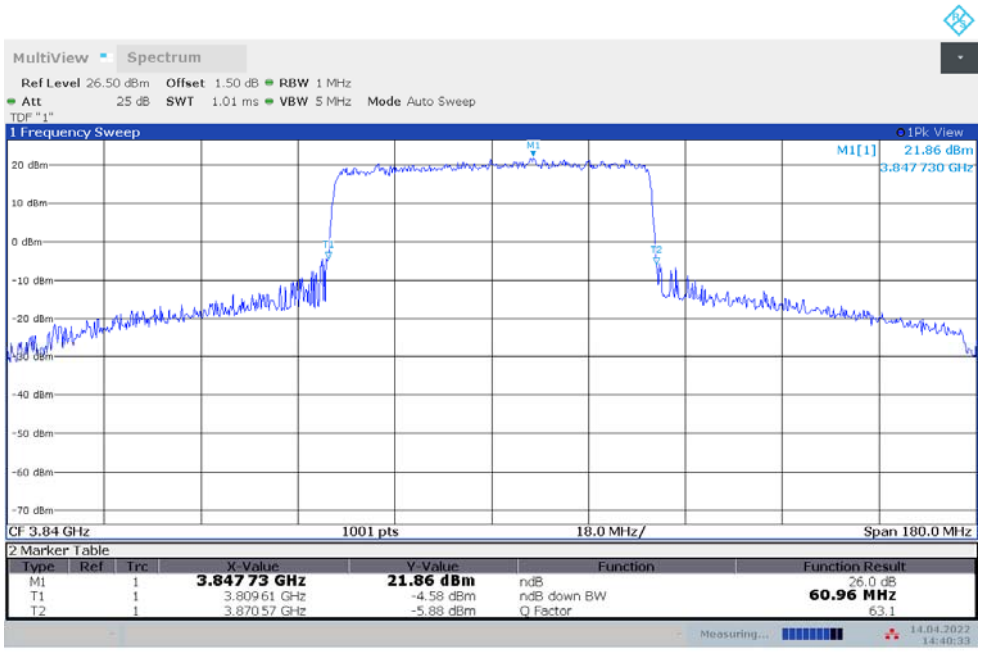
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	60.960	60.960

n77H,60MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



15:53:44 14.04.2022

n77H,60MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

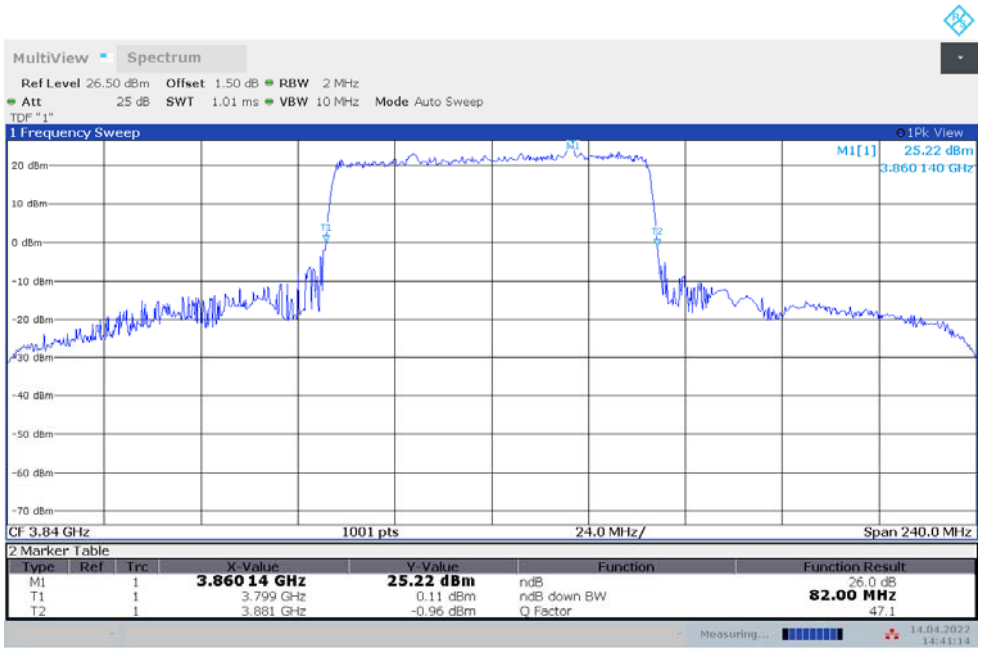


14:40:34 14.04.2022

n77H,80MHz(-26dBc)

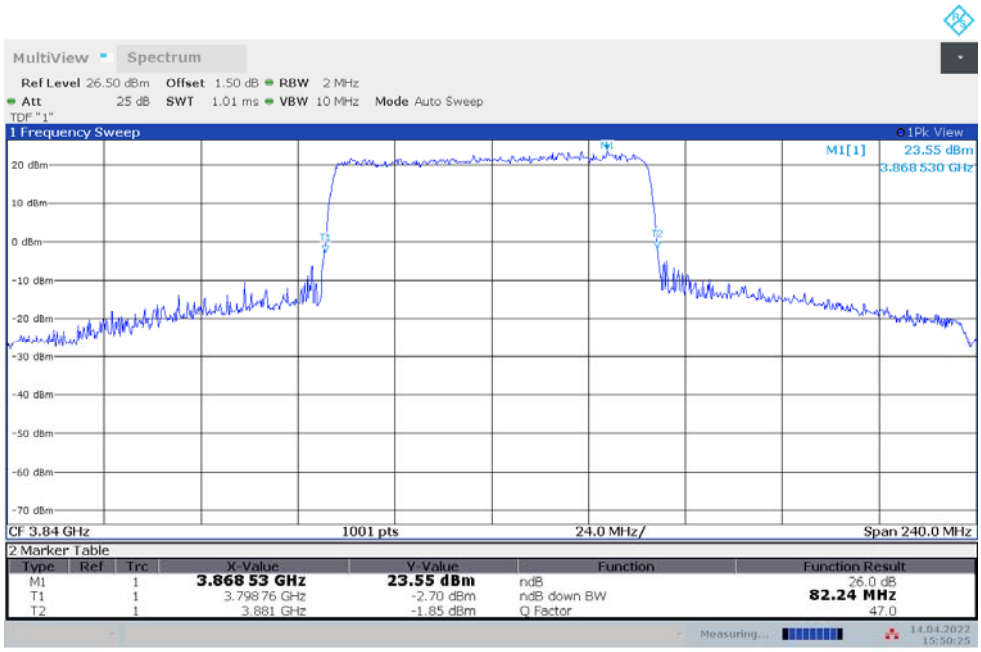
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	82.000	82.240

n77H,80MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



14:41:14 14.04.2022

n77H,80MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

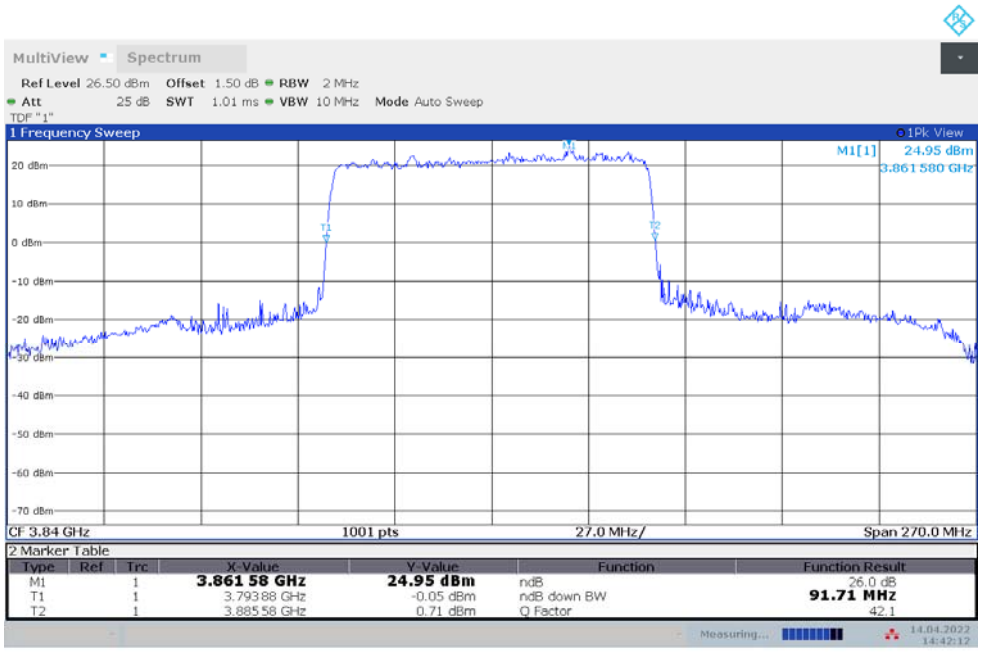


15:50:25 14.04.2022

n77H,90MHz(-26dBc)

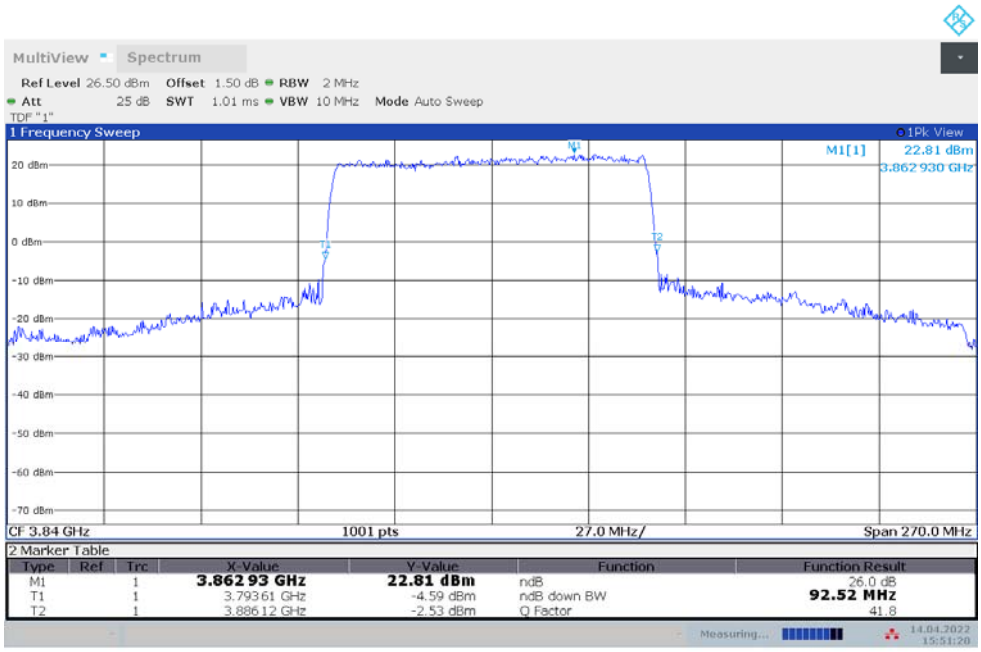
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	91.710	92.520

n77H,90MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



14:42:13 14.04.2022

n77H,90MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

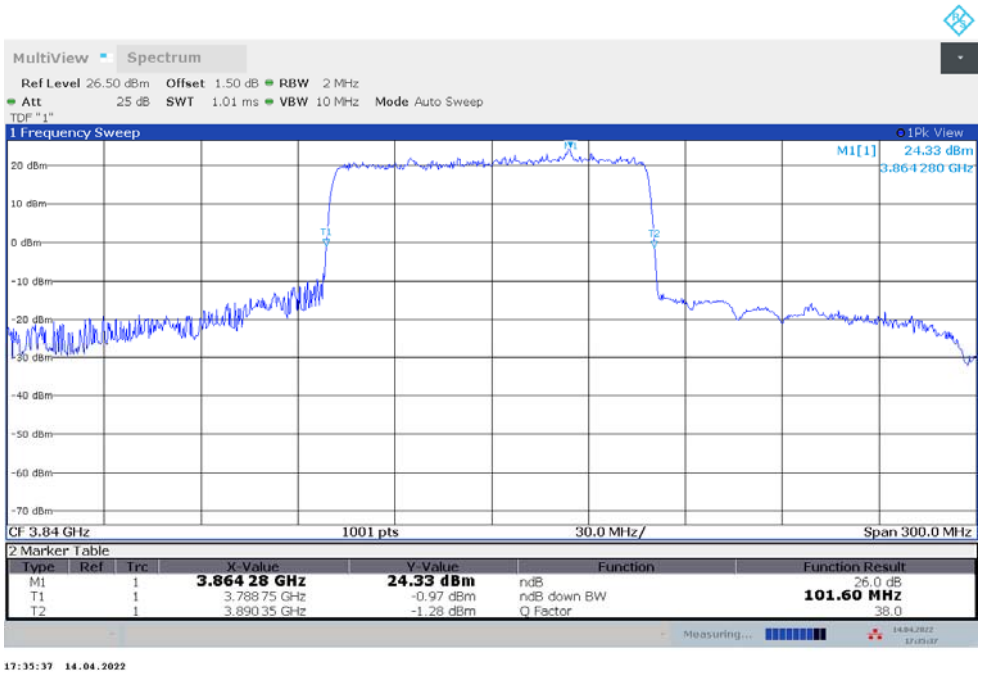


15:51:21 14.04.2022

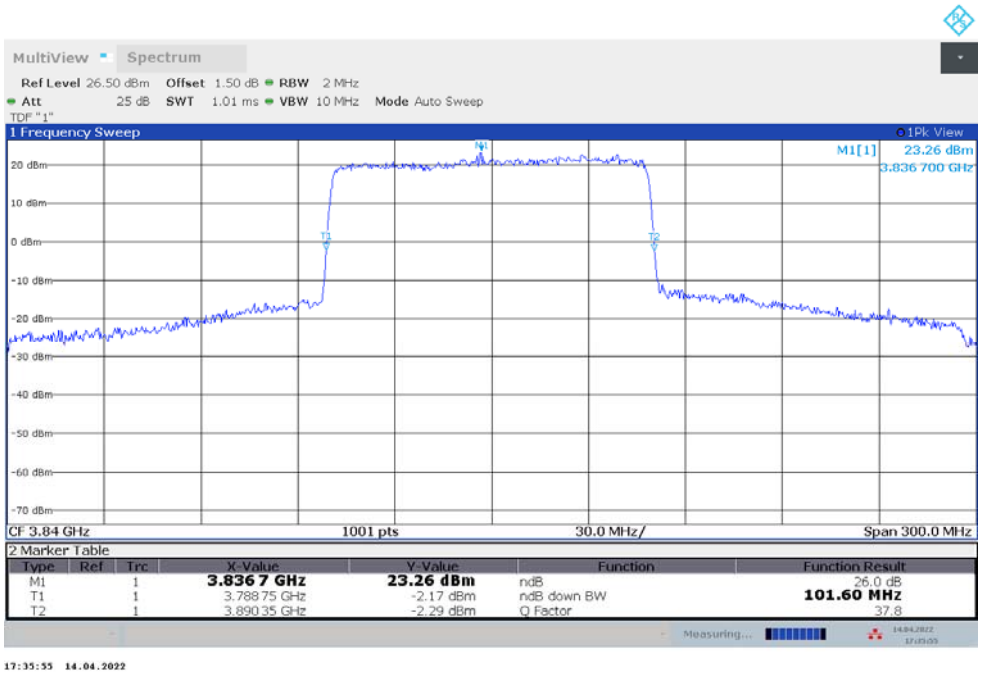
n77H,100MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	101.600	101.600

n77H,100MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n77H,100MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



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(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(n) states for mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed −13 dBm/MHz. Compliance with this paragraph (n)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

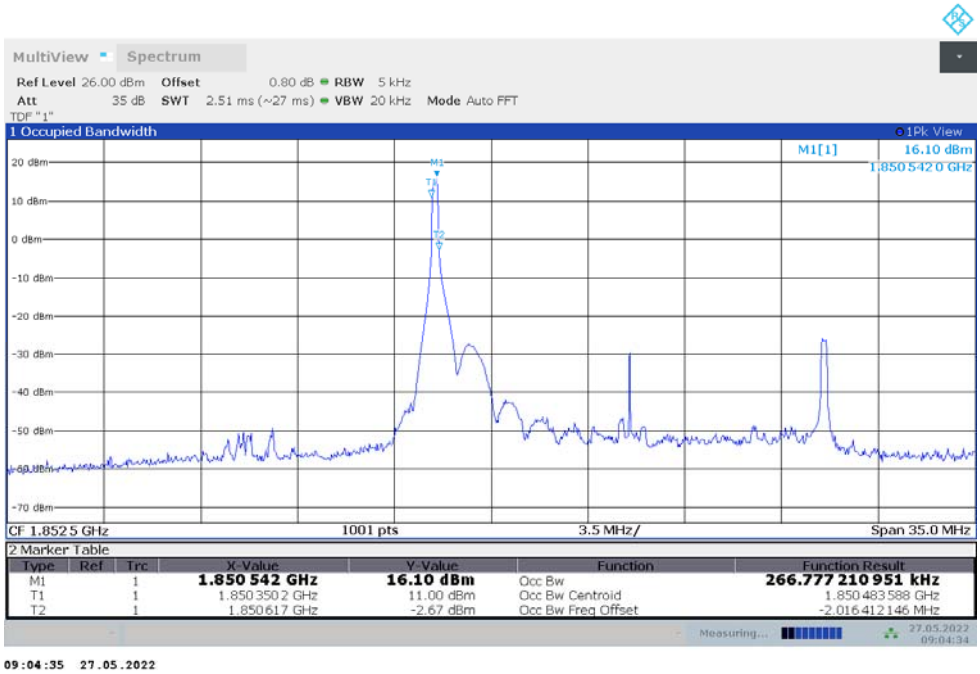
Part 27.53(l) states for mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed −13 dBm/MHz. Compliance with this paragraph (l)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall

be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

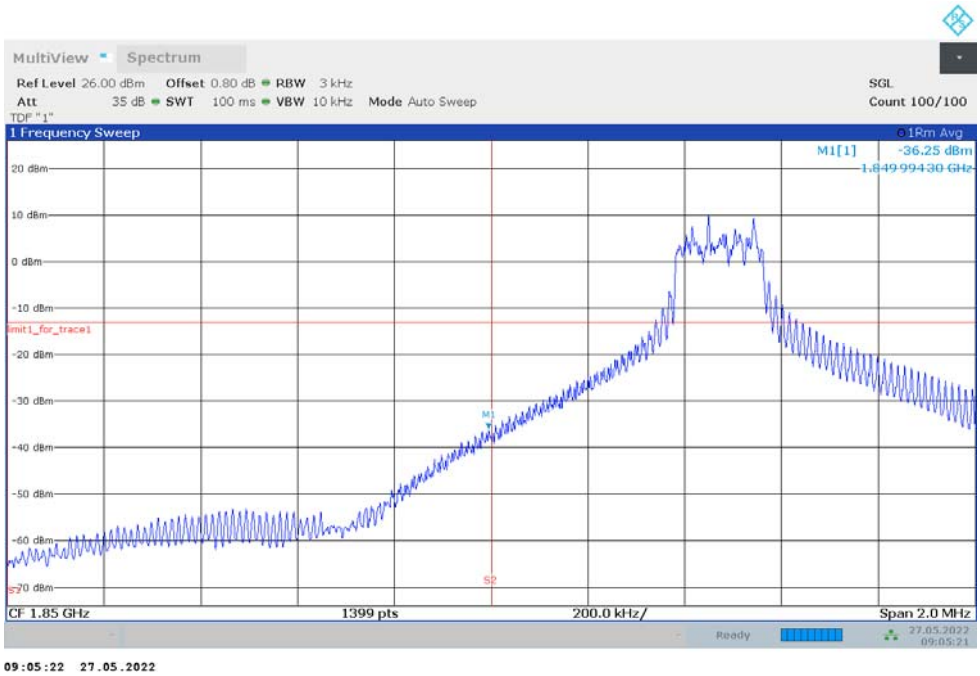
A.6.2 Measurement result

NR n2

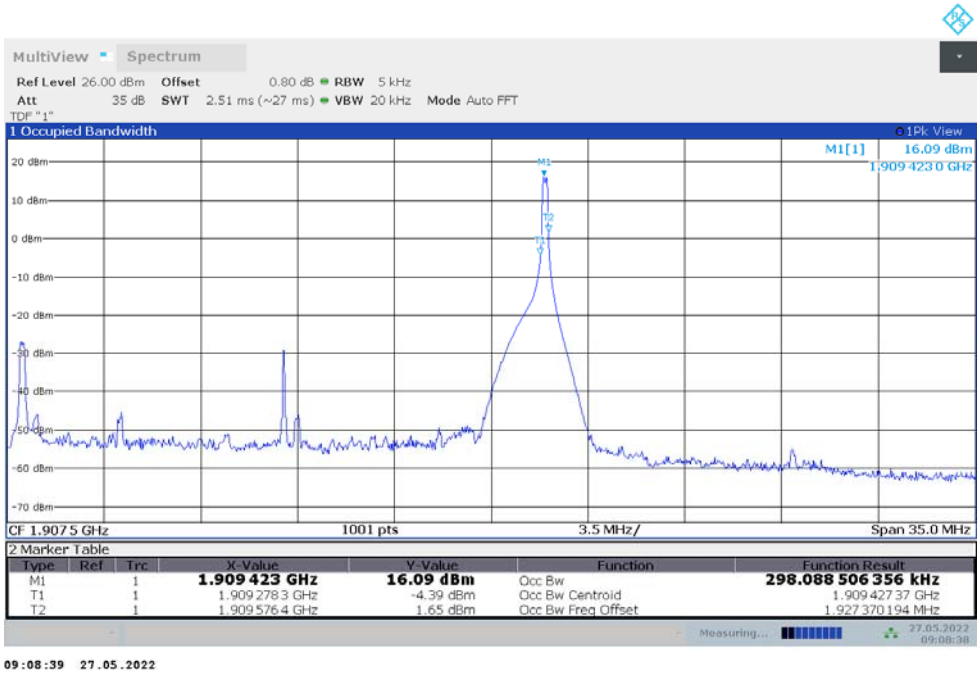
OBW: 1RB-LOW_offset



LOW BAND EDGE BLOCK-1RB-LOW_offset

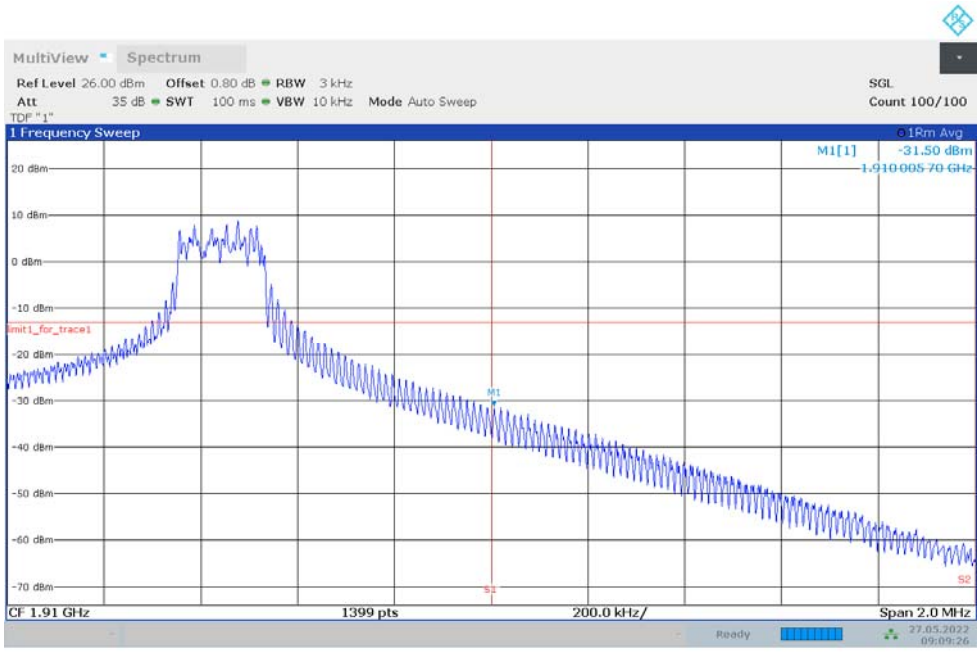


OBW: 1RB-HIGH_offset



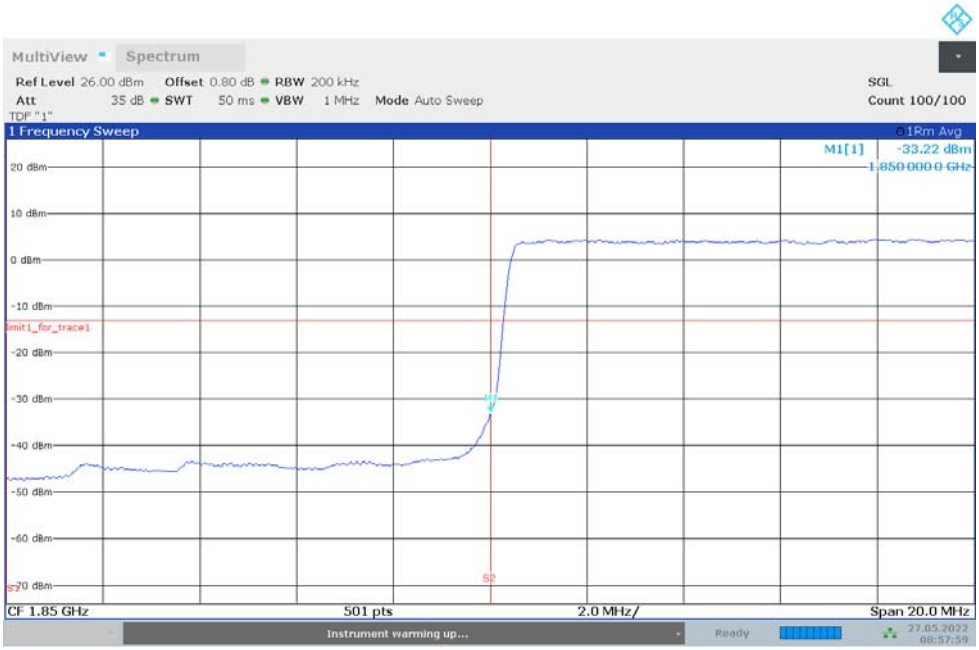
09:08:39 27.05.2022

HIGH BAND EDGE BLOCK-1RB-HIGH_offset



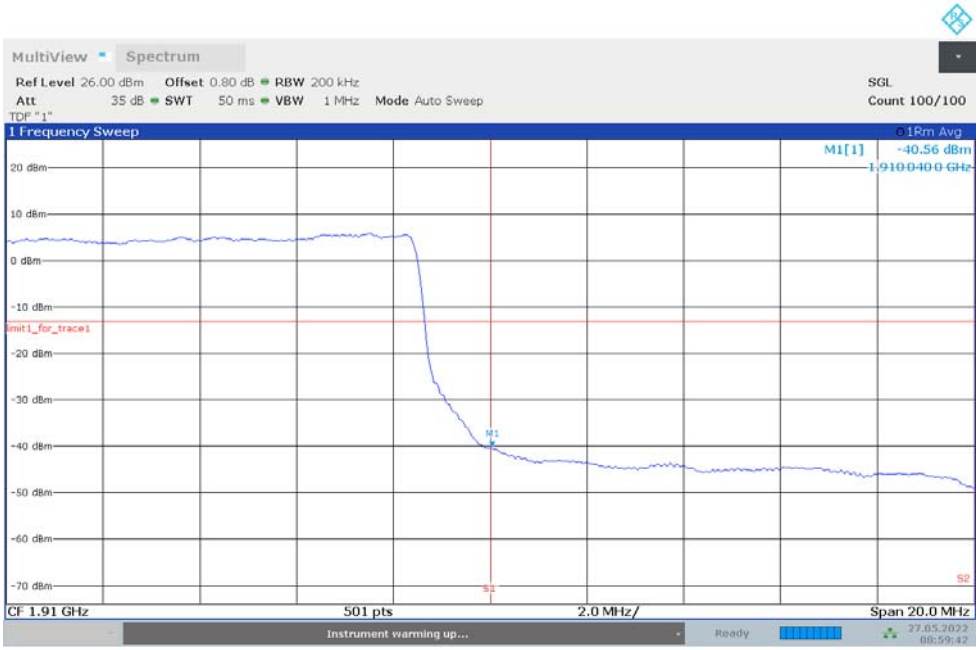
09:09:27 27.05.2022

LOW BAND EDGE BLOCK-20M-100%RB



08:57:59 27.05.2022

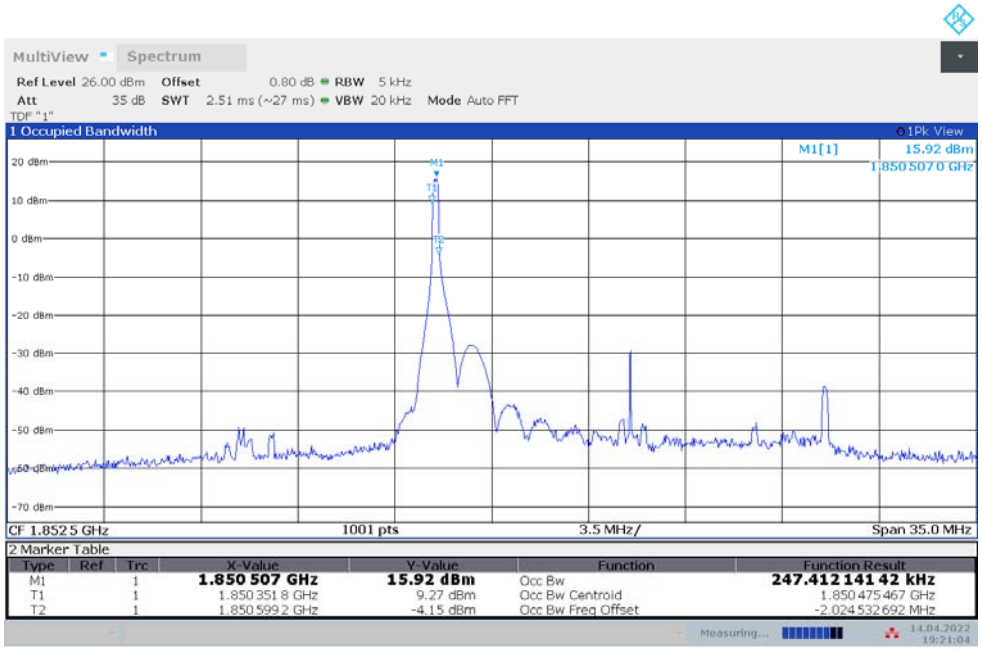
HIGH BAND EDGE BLOCK-20M-100%RB



08:59:43 27.05.2022

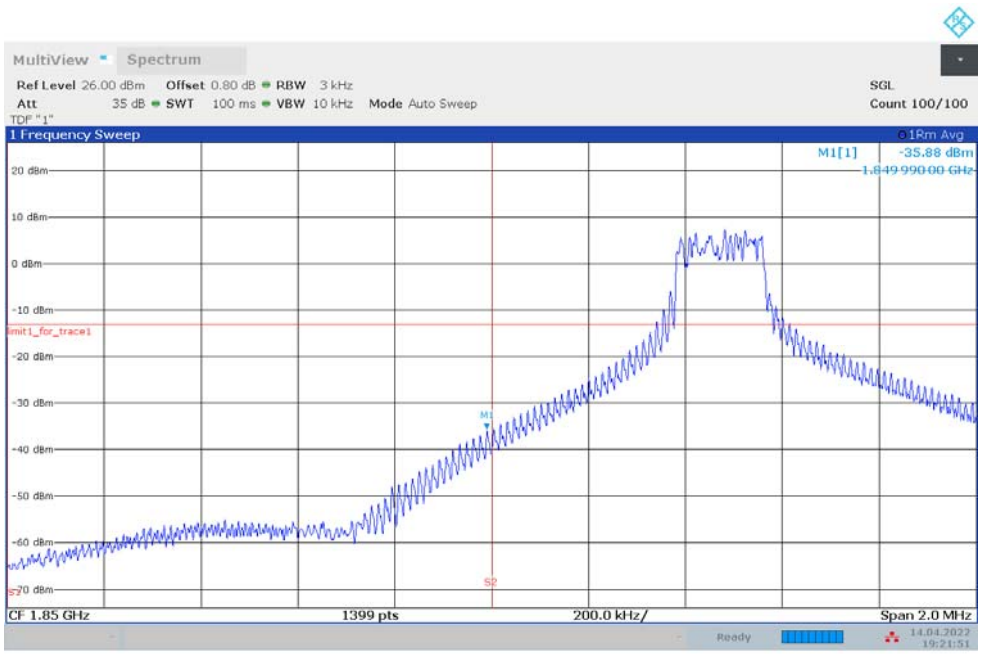
NR n25

OBW: 1RB-LOW_offset



19:21:05 14.04.2022

LOW BAND EDGE BLOCK-1RB-LOW_offset



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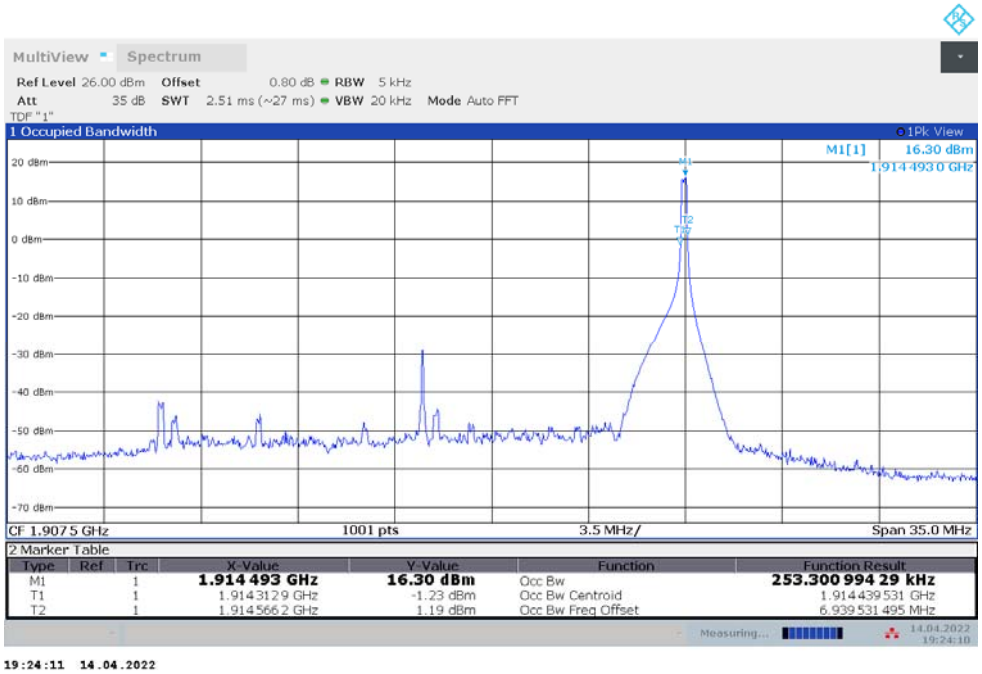
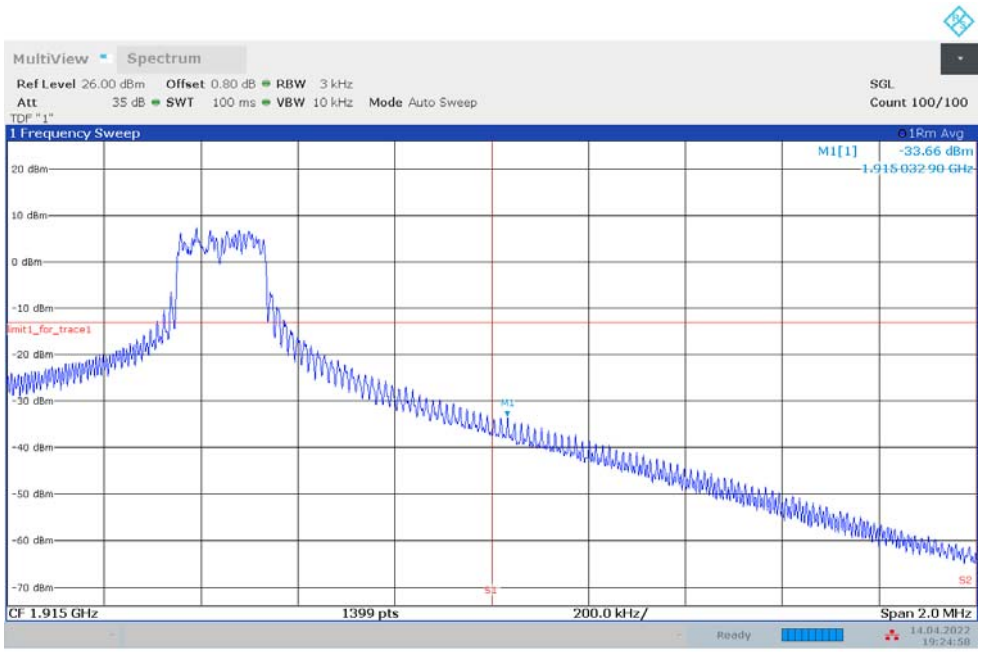
OBW: 1RB-HIGH_offset



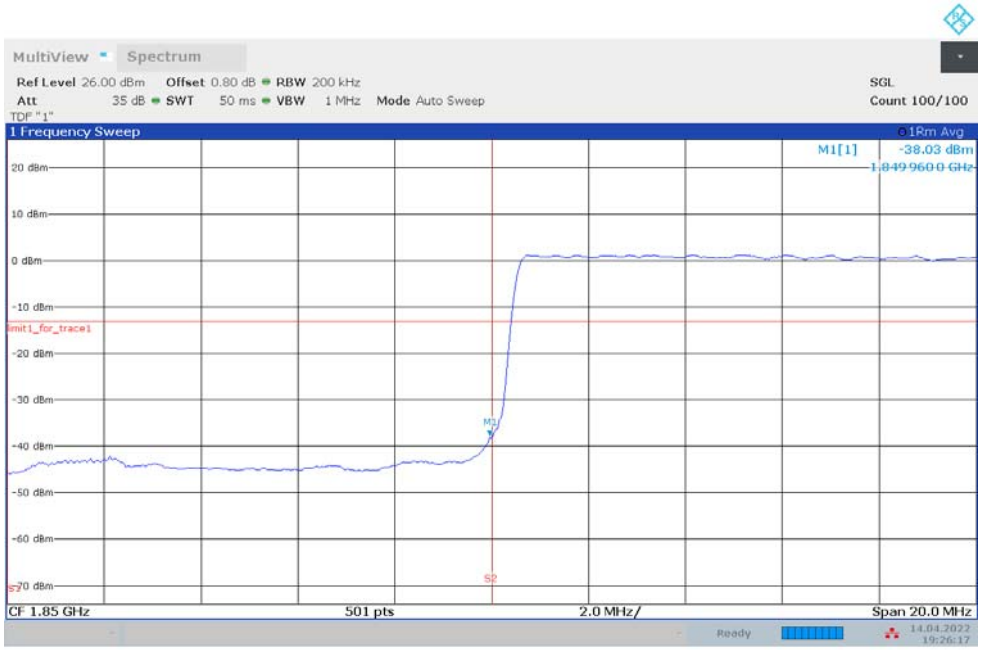
19:24:11 14.04.2022

HIGH BAND EDGE BLOCK-1RB-HIGH_offset



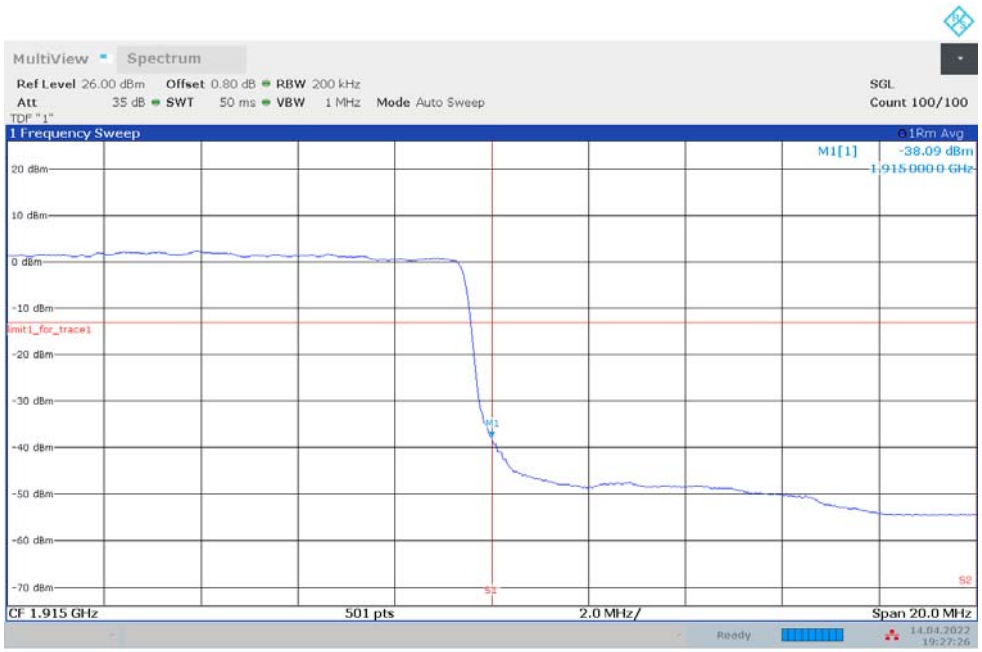
19:24:59 14.04.2022

LOW BAND EDGE BLOCK-40M-100%RB



19:26:18 14.04.2022

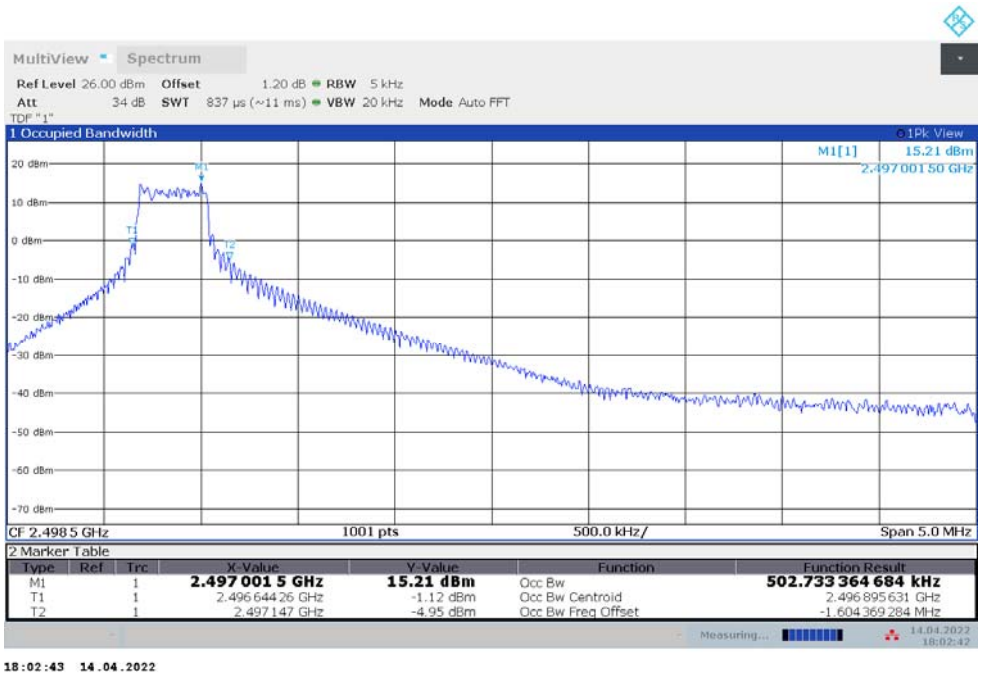
HIGH BAND EDGE BLOCK-40M-100%RB



19:27:27 14.04.2022

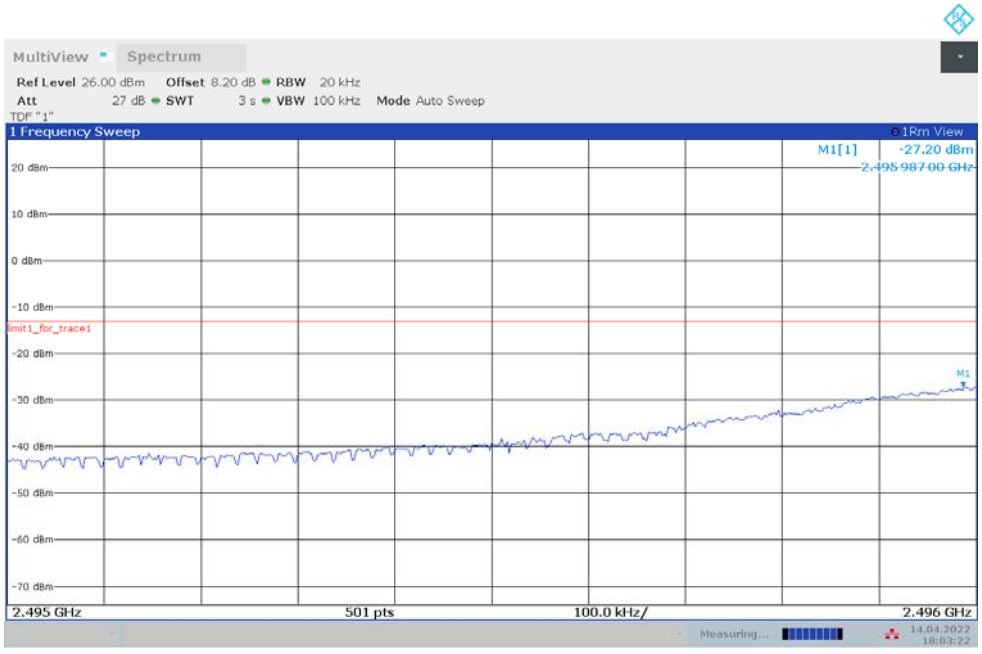
NR n41

OBW: 1RB-LOW_offset



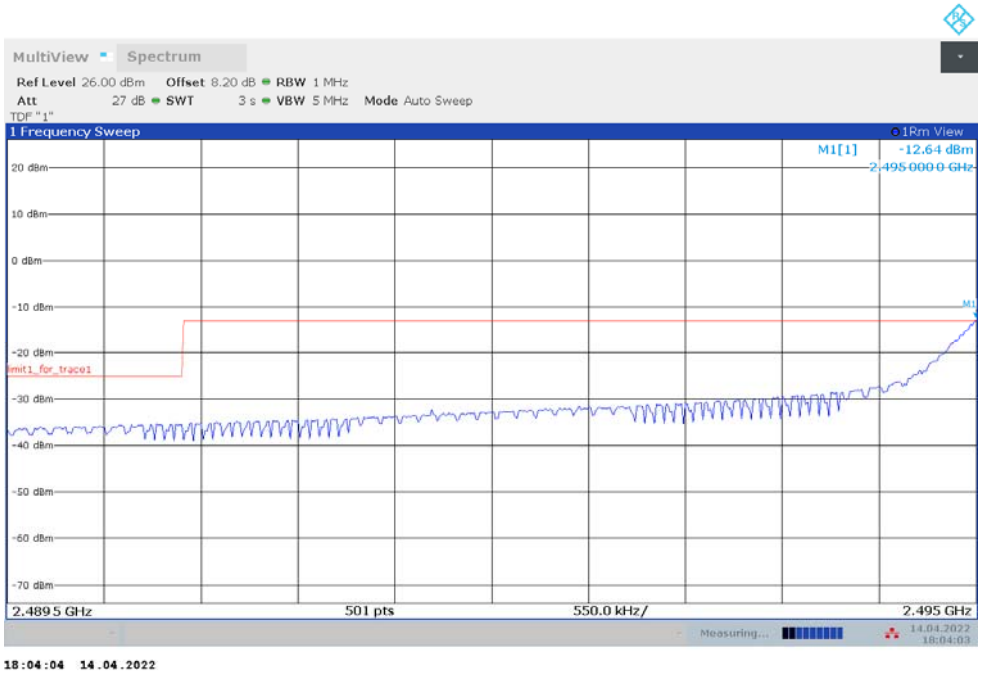
18:02:43 14.04.2022

LOW BAND EDGE BLOCK-1RB-LOW_offset



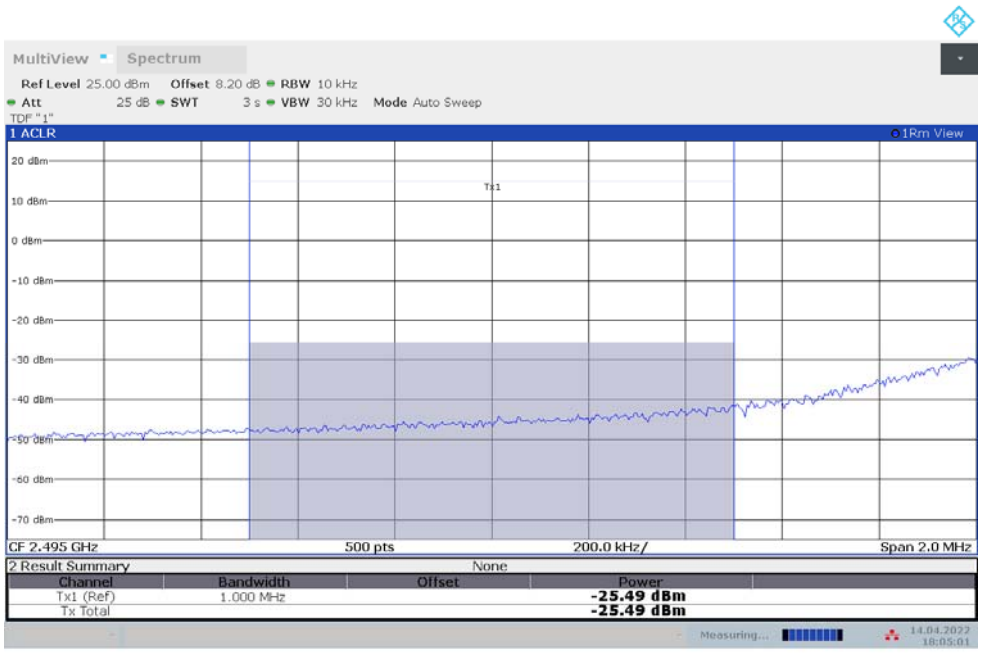
18:03:23 14.04.2022

LOW BAND EDGE BLOCK-1RB-LOW_offset



18:04:04 14.04.2022

Channal Power

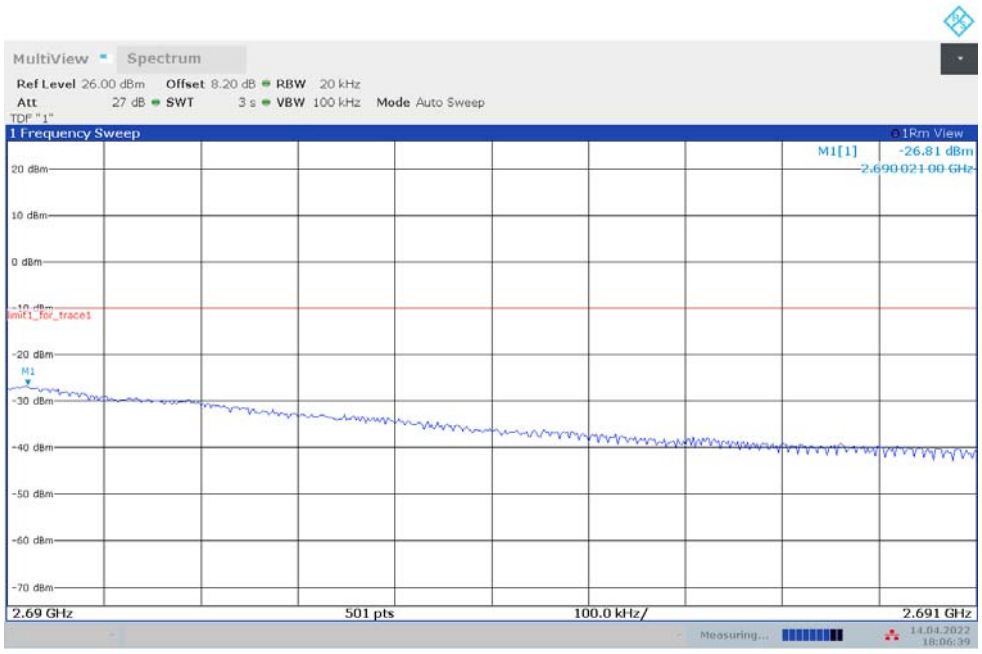


18:05:01 14.04.2022

OBW: 1RB-HIGH_offset

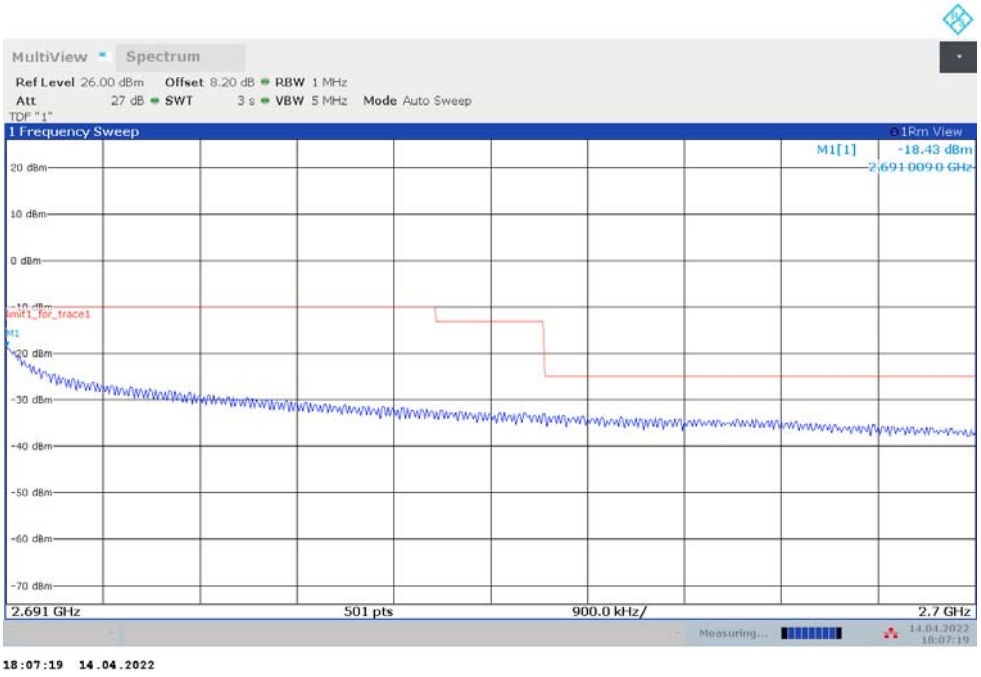
18:05:59 14.04.2022

HIGH BAND EDGE BLOCK-1RB-HIGH_offset



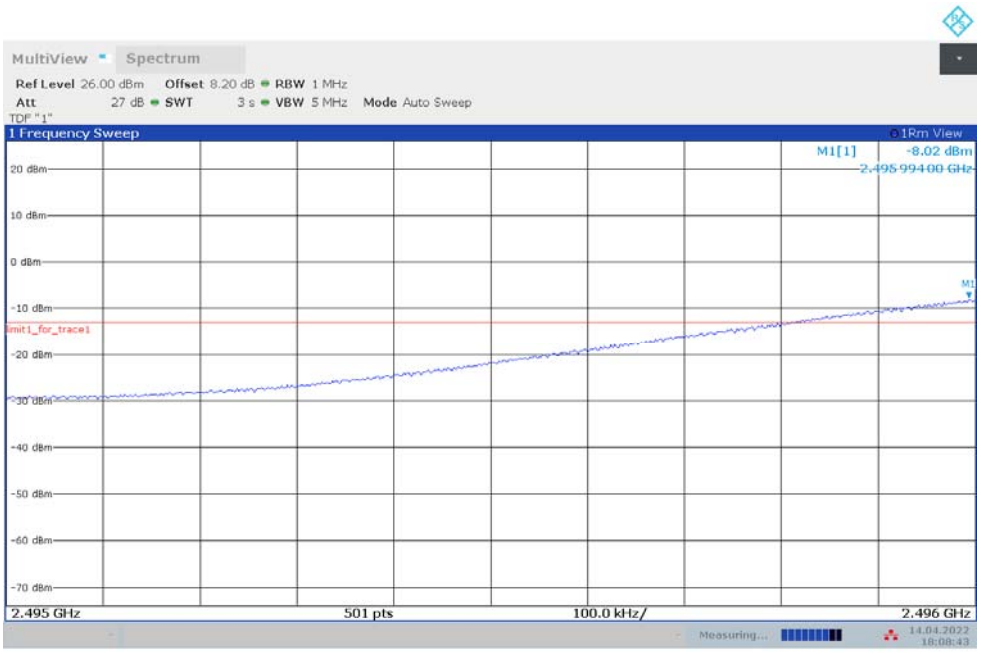
18:06:39 14.04.2022

HIGH BAND EDGE BLOCK-1RB-HIGH_offset



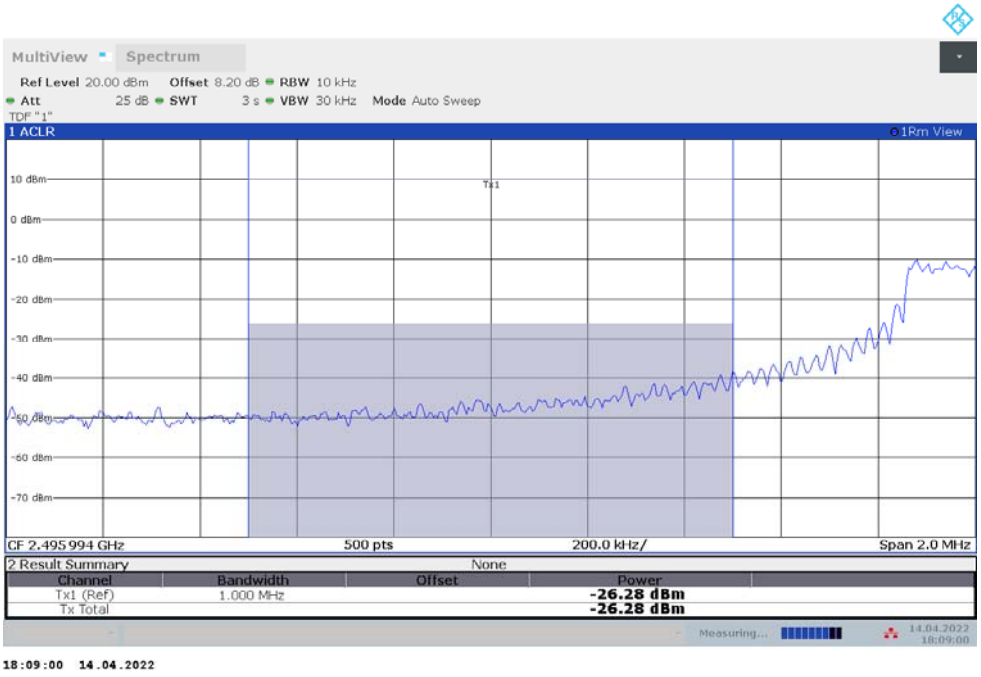
18:07:19 14.04.2022

LOW BAND EDGE BLOCK-100M-100%RB



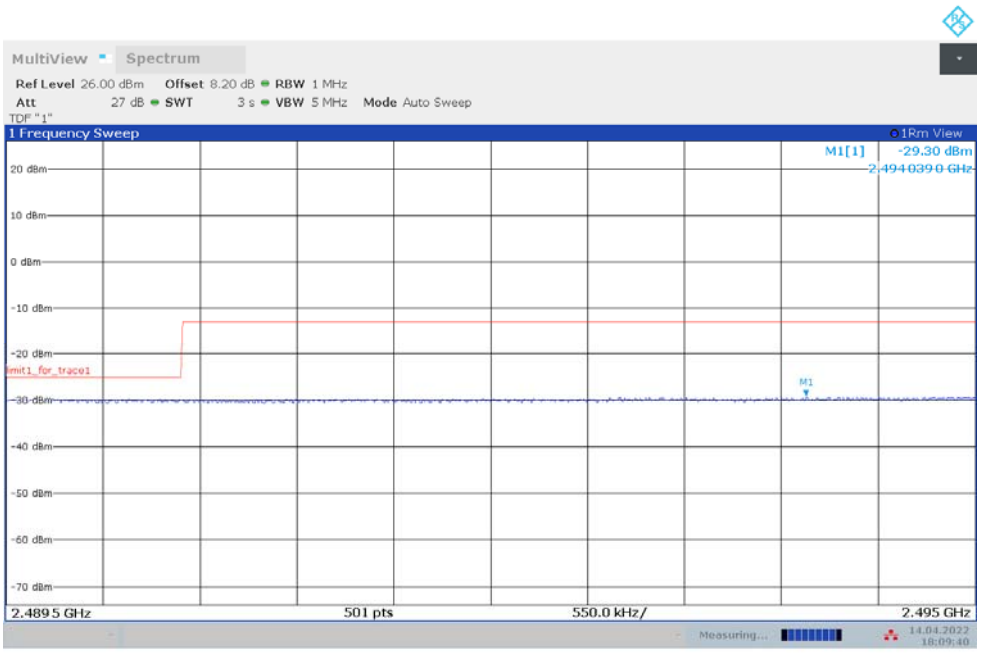
18:08:43 14.04.2022

Channal Power



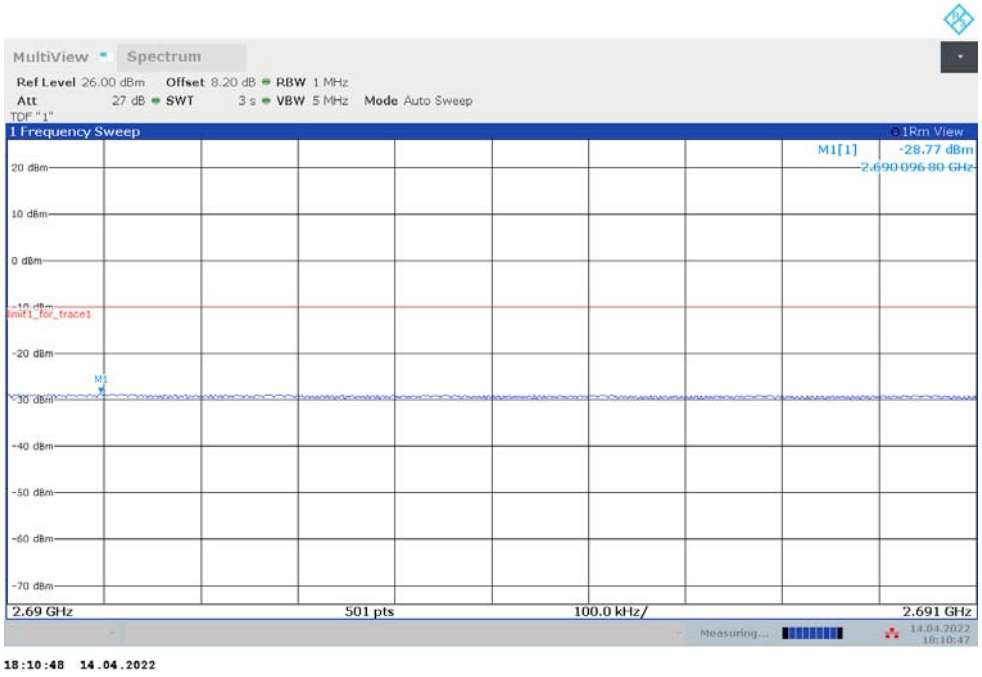
18:09:00 14.04.2022

LOW BAND EDGE BLOCK-100M-100%RB



18:09:41 14.04.2022

HIGH BAND EDGE BLOCK-100M-100%RB



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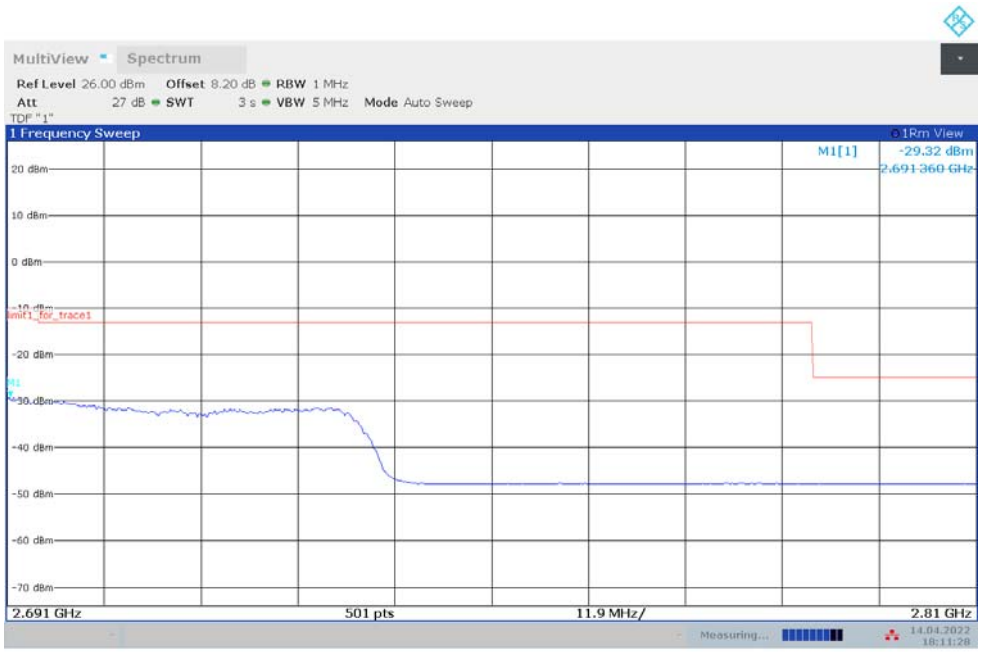
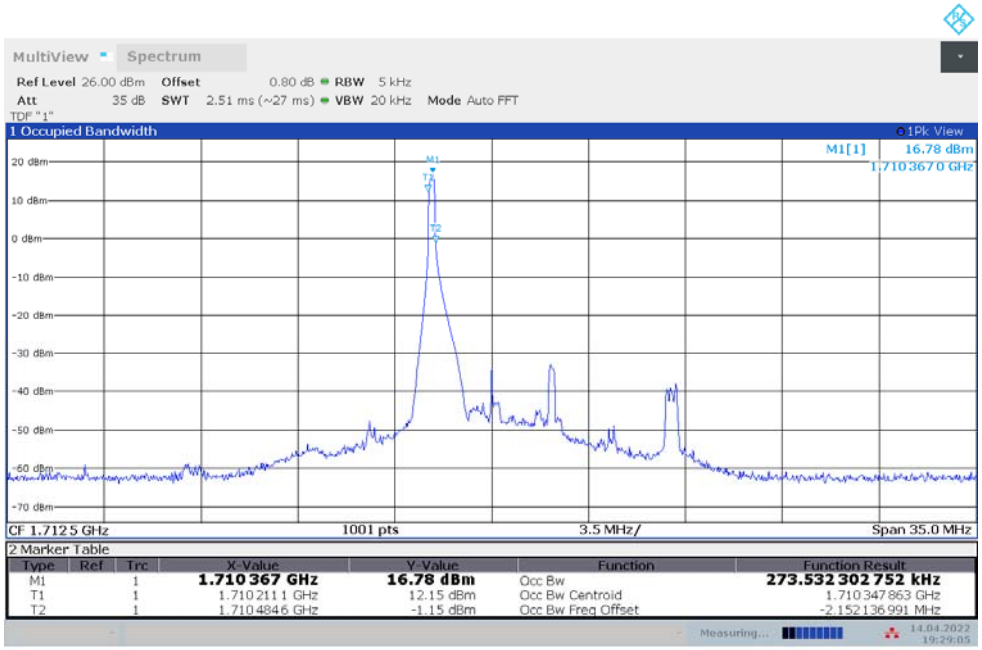
HIGH BAND EDGE BLOCK-100M-100%RB



18:11:28 14.04.2022

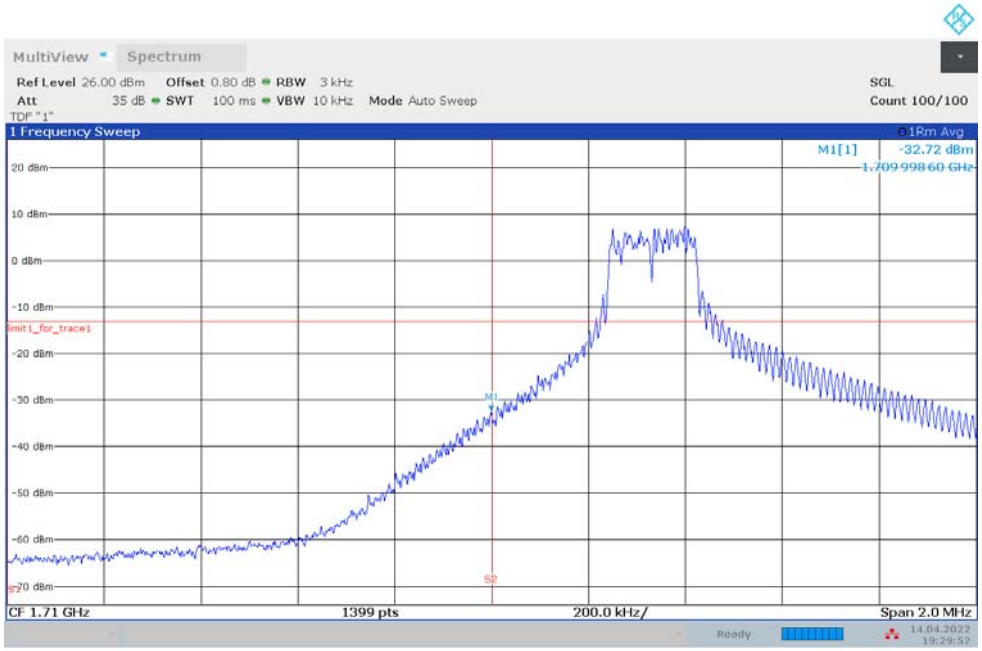
NR n66

OBW: 1RB-LOW_offset



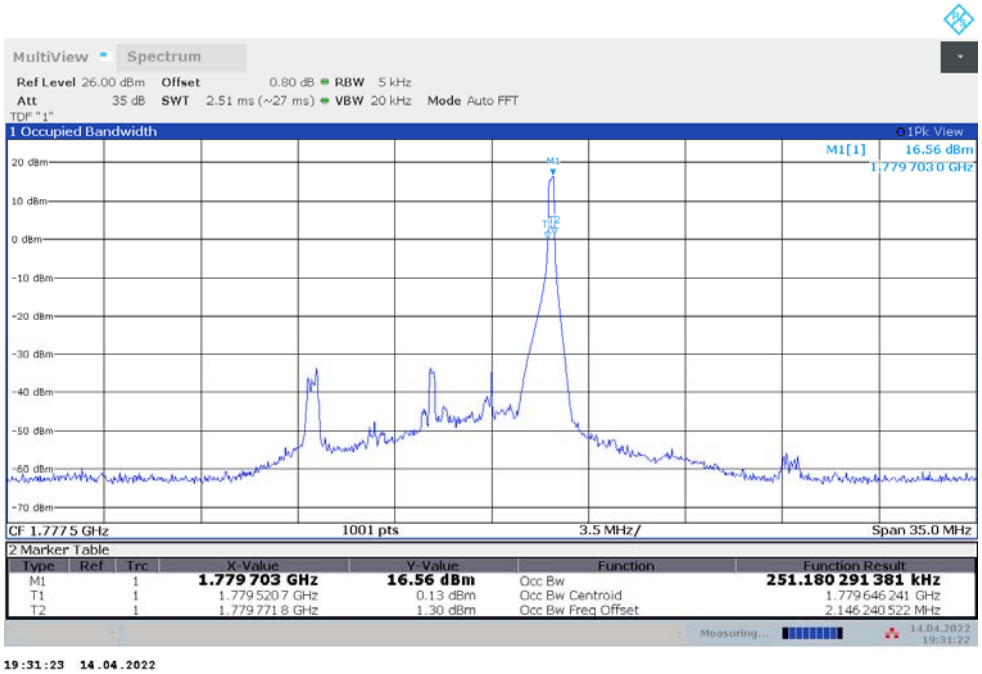
19:29:06 14.04.2022

LOW BAND EDGE BLOCK-1RB-LOW_offset



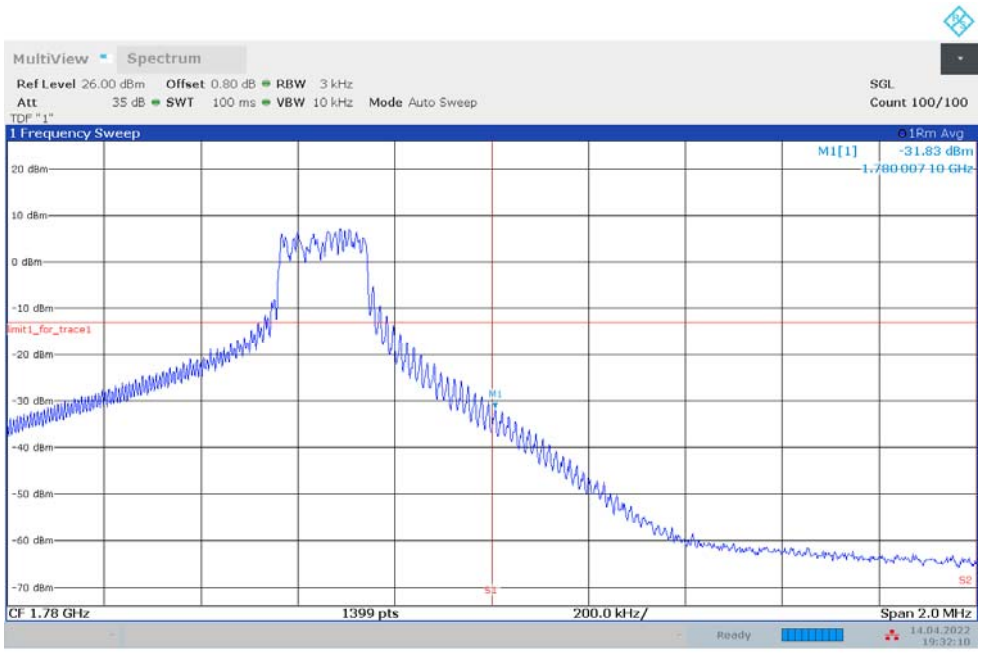
19:29:53 14.04.2022

OBW: 1RB-HIGH_offset



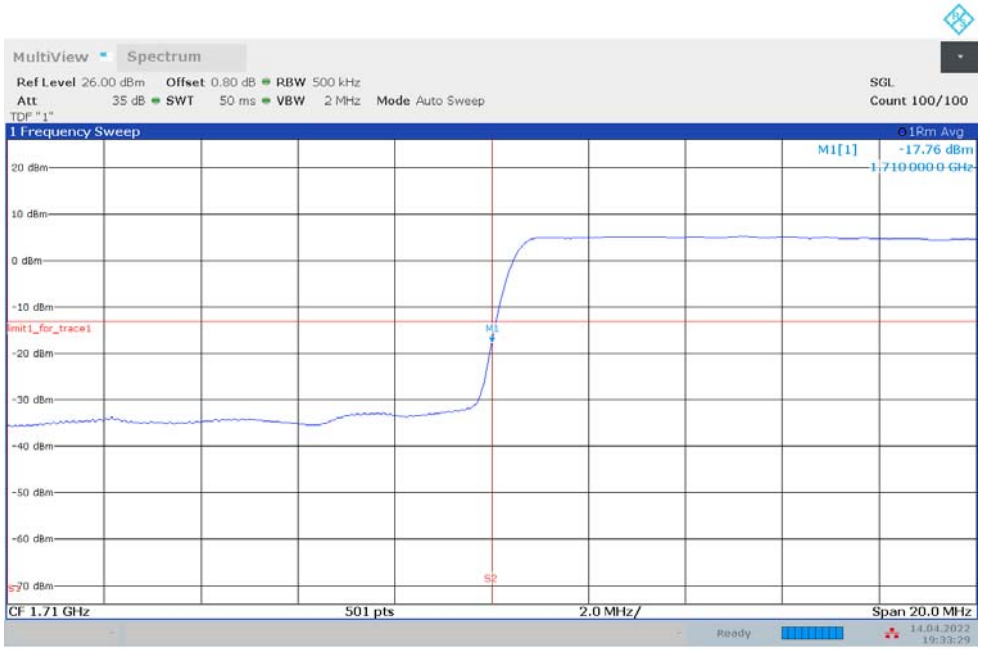
19:31:23 14.04.2022

HIGH BAND EDGE BLOCK-1RB-HIGH_offset



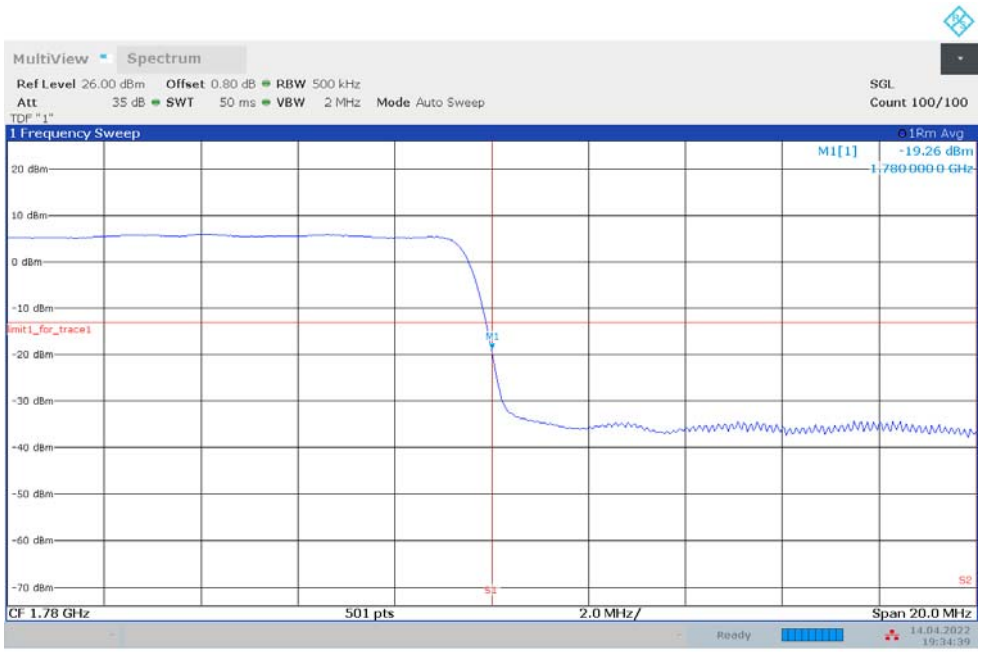
19:32:10 14.04.2022

LOW BAND EDGE BLOCK-40M-100%RB



19:33:30 14.04.2022

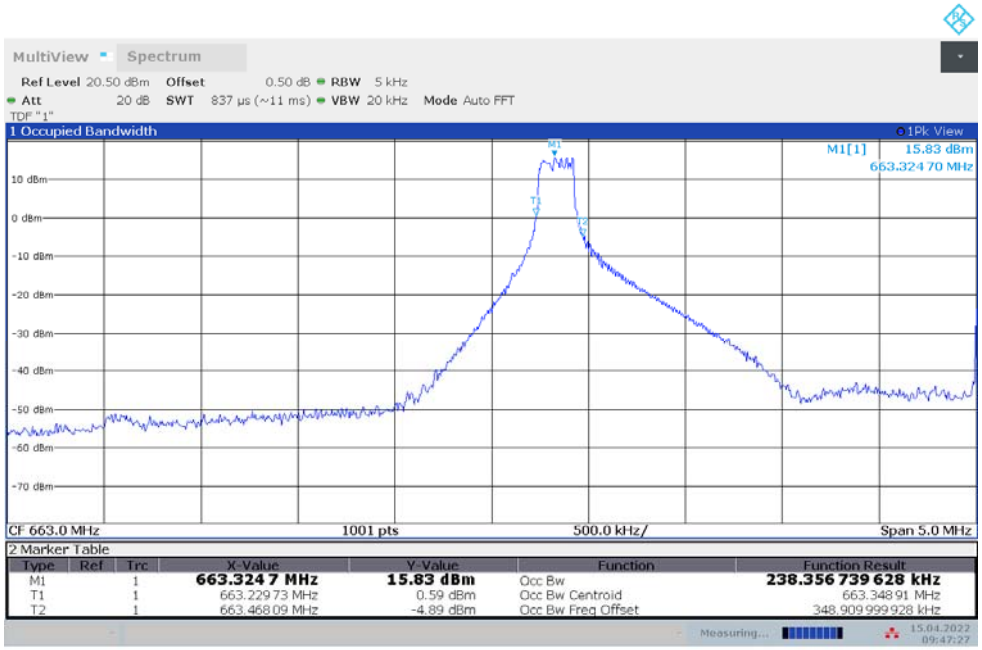
HIGH BAND EDGE BLOCK-40M-100%RB



19:34:39 14.04.2022

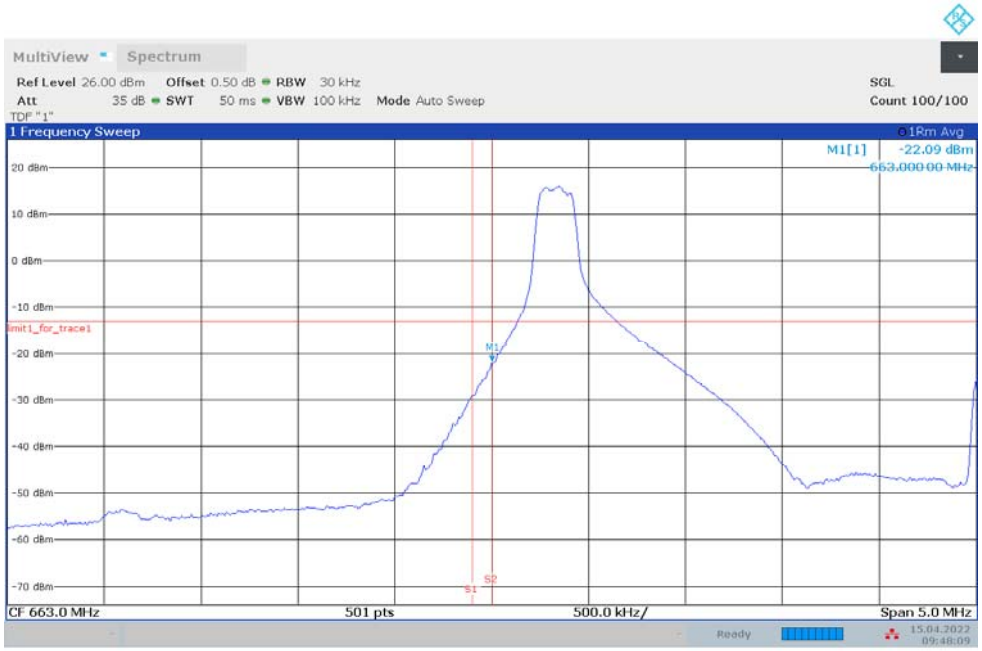
NR n71

OBW: 1RB-LOW_offset



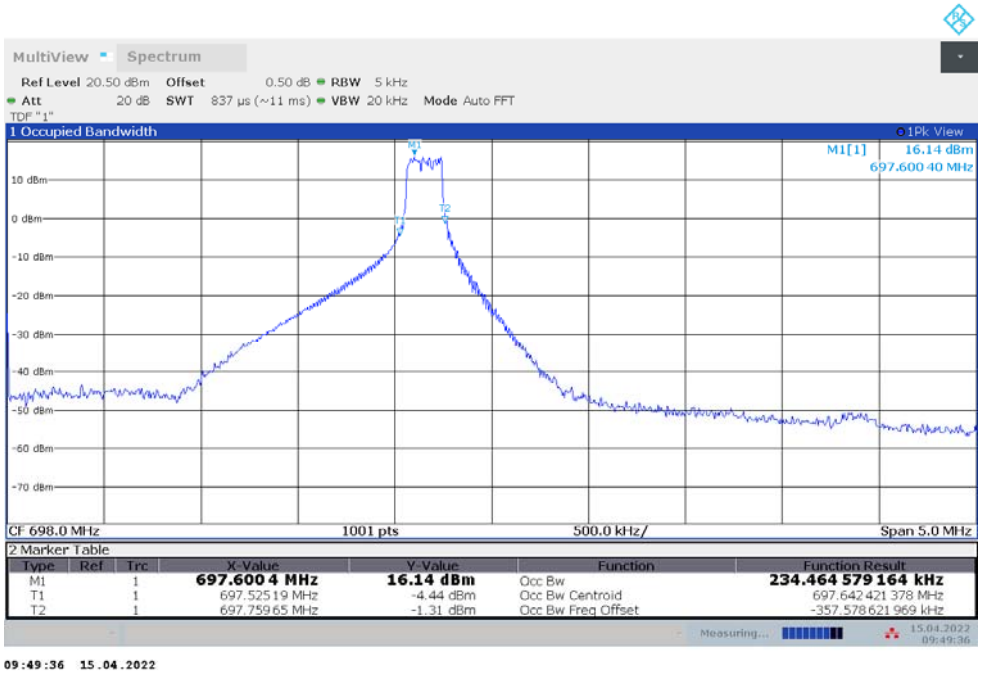
09:47:28 15.04.2022

LOW BAND EDGE BLOCK-1RB-LOW_offset



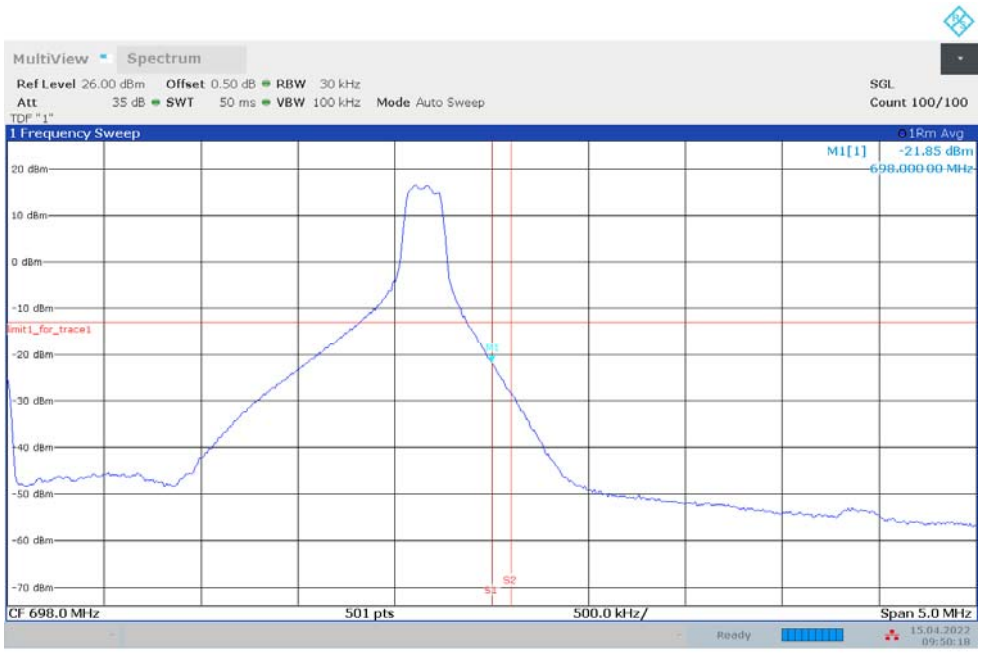
09:48:10 15.04.2022

OBW: 1RB-HIGH_offset



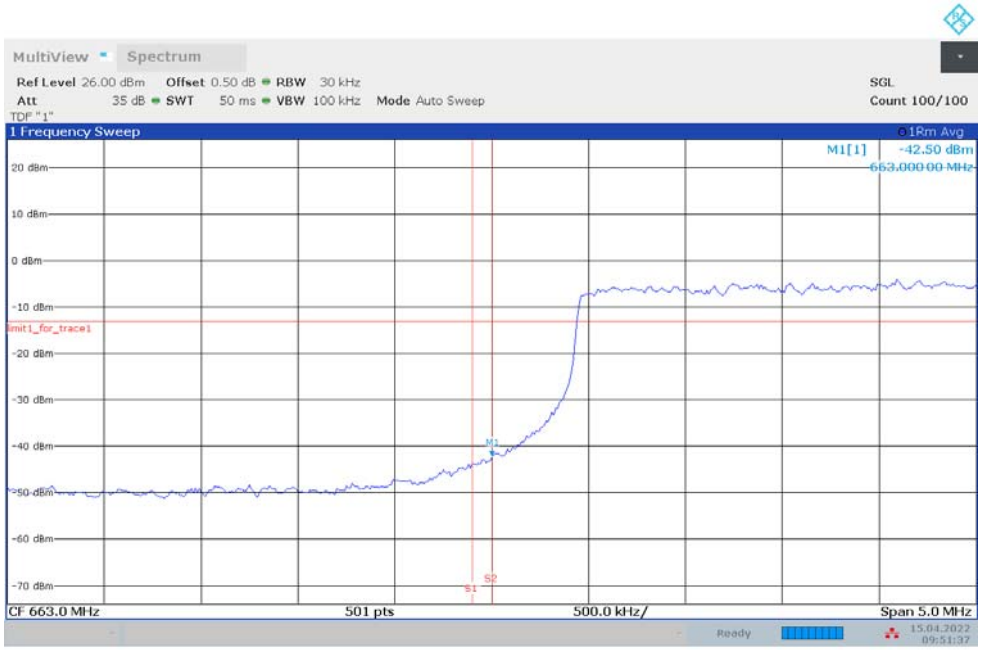
09:49:36 15.04.2022

HIGH BAND EDGE BLOCK-1RB-HIGH_offset



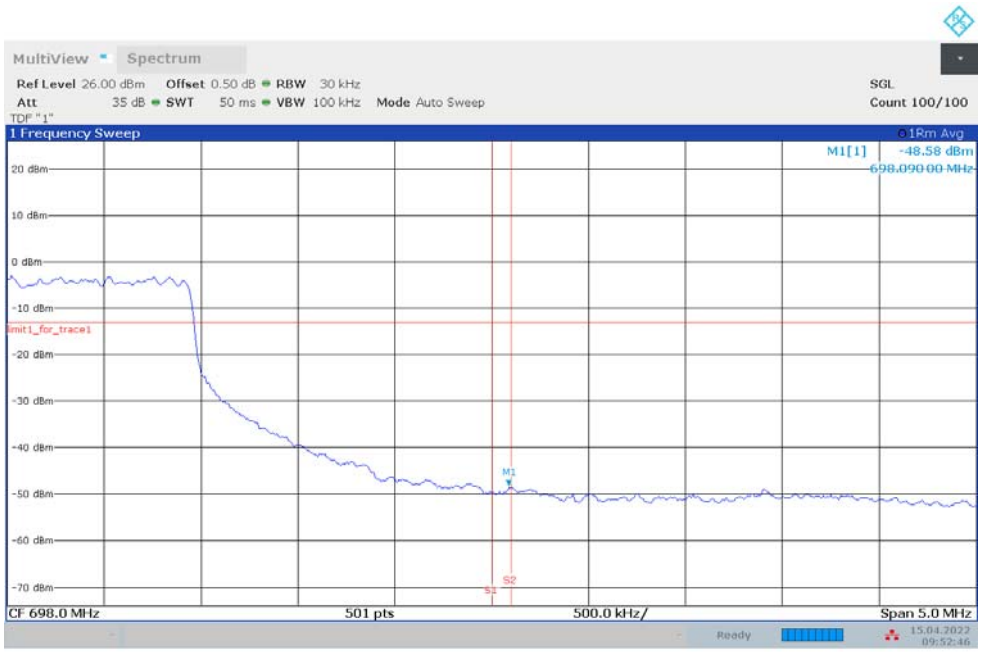
09:50:18 15.04.2022

LOW BAND EDGE BLOCK-20M-100%RB



09:51:37 15.04.2022

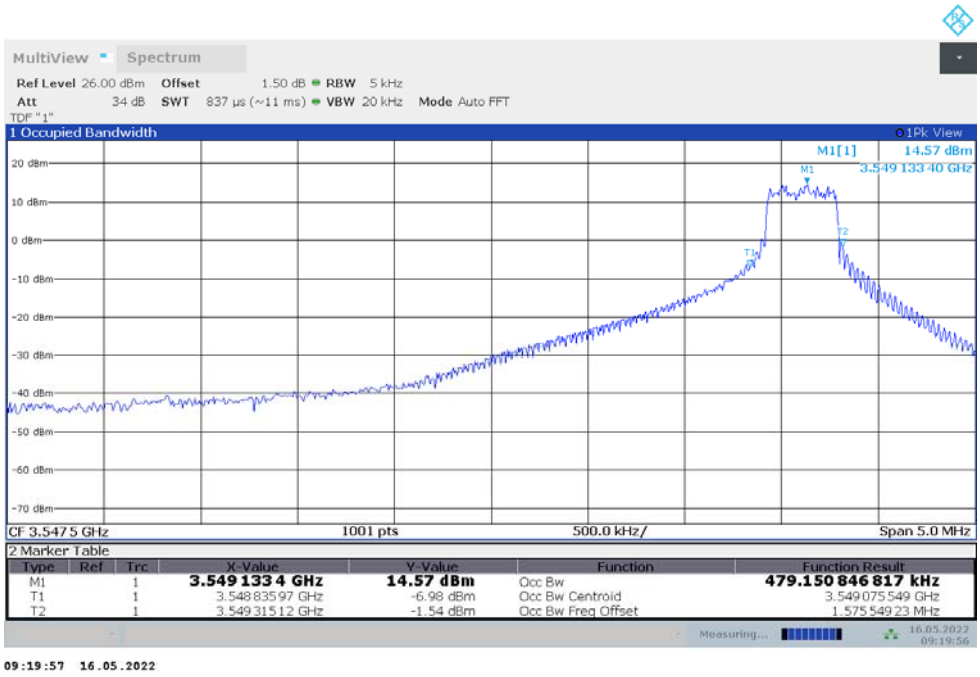
HIGH BAND EDGE BLOCK-20M-100%RB



09:52:46 15.04.2022

NR n77L

OBW: 1RB-HIGH_offset



HIGH BAND EDGE BLOCK-1RB-HIGH_offset