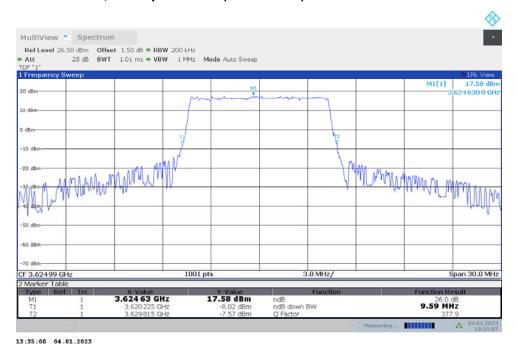


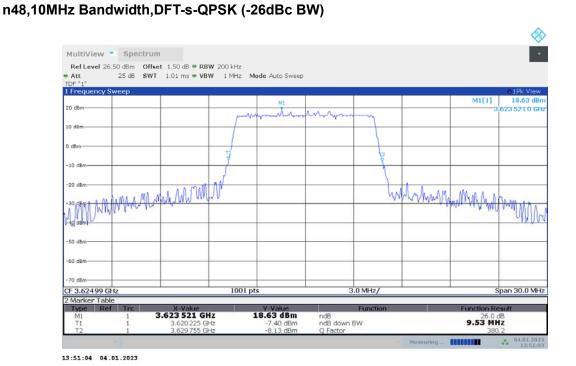


n48 n48,10MHz(-26dBc)

Fraguerov (MILE)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3624.99	9.590	9.530

n48,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)





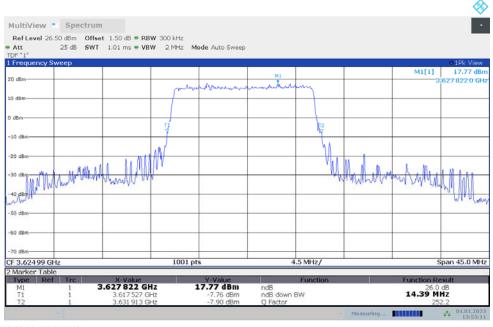




n48 n48,15MHz(-26dBc)

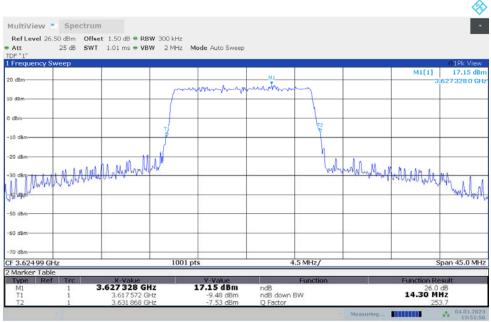
Fraguerov (MILE)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3624.99	14.386	14.296

n48,15MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



13:53:11 04.01.2023

n48,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



13:51:56 04.01.2023

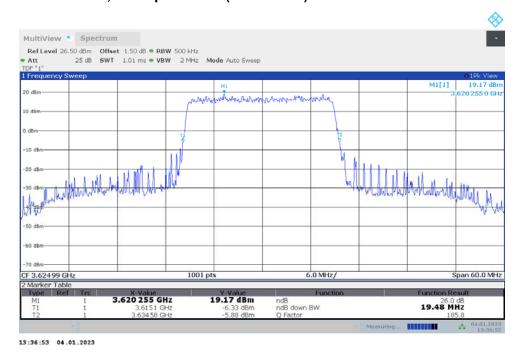




n48 n48,20MHz(-26dBc)

Fraguerov (MI Iz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3624.99	19.481	19.421

n48,20MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n48,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



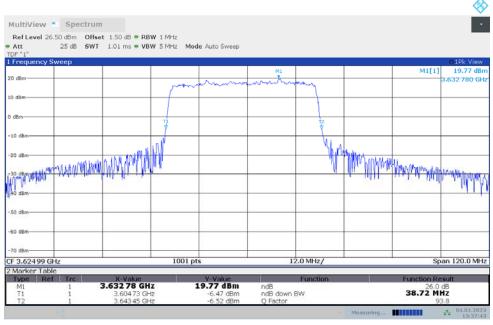




n48 n48,40MHz(-26dBc)

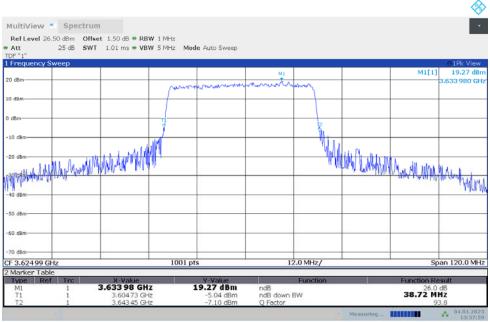
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3624.99	38.720	38.720

n48,40MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



13:37:44 04.01.2023

n48,40MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



13:38:00 04.01.2023

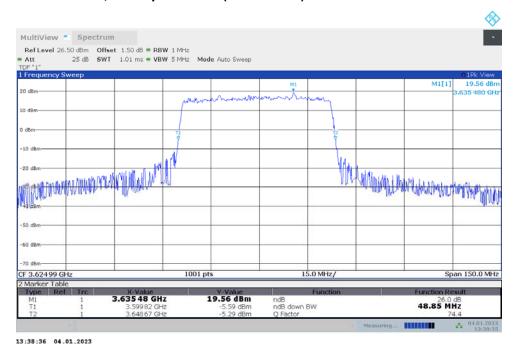




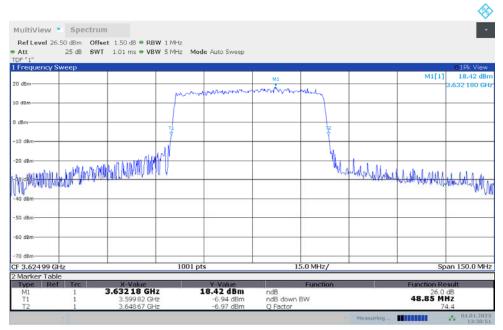
n48 n48,50MHz(-26dBc)

Fraguerov (MIII a)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3624.99	48.850	48.850

n48,50MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n48,50MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



13:38:51 04.01.2023

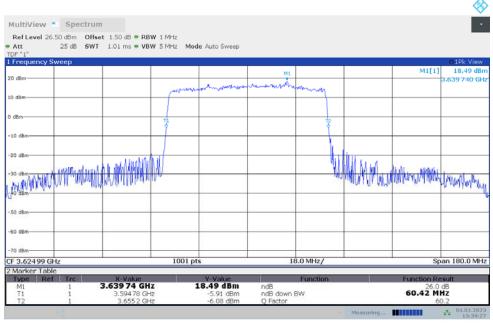




n48 n48,60MHz(-26dBc)

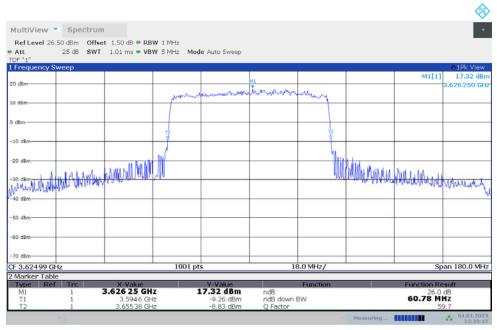
Fraguerov (MIII a)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3624.99	60.420	60.780

n48,60MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



13:39:28 04.01.2023

n48,60MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



13:39:43 04.01.2023

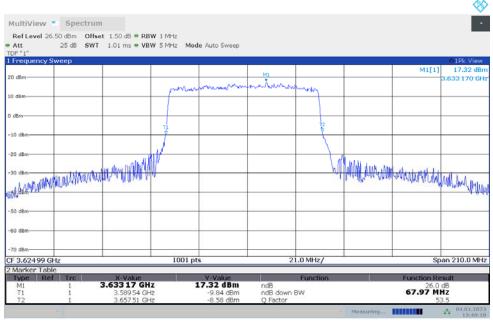




n48 n48,70MHz(-26dBc)

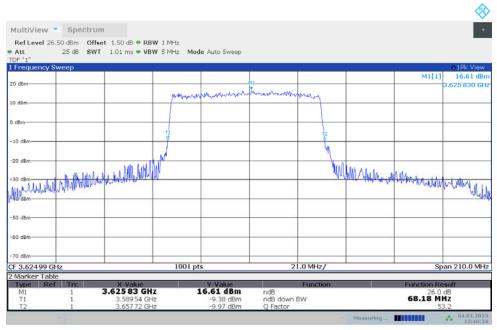
Fraguerov (MI Iz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3624.99	67.970	68.180

n48,70MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



13:40:19 04.01.2023

n48,70MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



13:40:35 04.01.2023

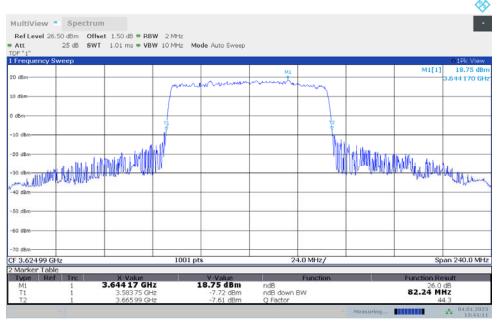




n48 n48,80MHz(-26dBc)

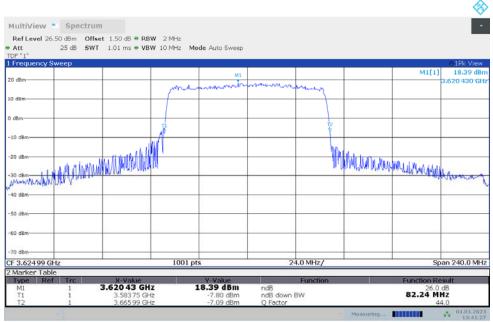
Fraguerov (MI Iz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3624.99	82.240	82.240

n48,80MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



13:41:12 04.01.2023

n48,80MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



13:41:27 04.01.2023

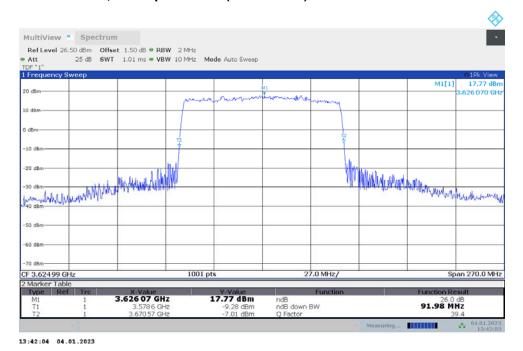




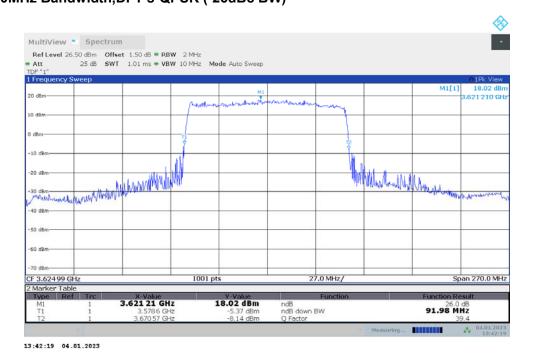
n48 n48,90MHz(-26dBc)

Fragueney (MHz)	Emission Bandwidth (-26dBc) (MHz)
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3624.99	91.980	91.980

n48,90MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n48,90MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



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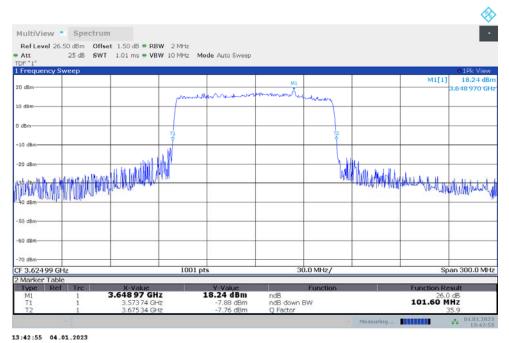




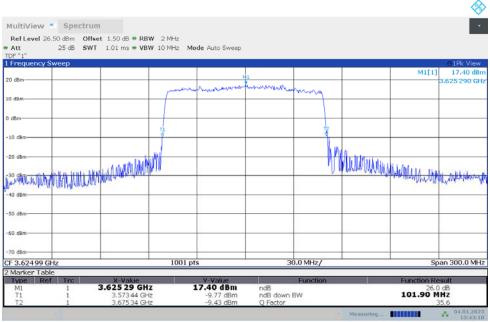
n48 n48,100MHz(-26dBc)

Fraguerov (MIII a)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3624.99	101.600	101.900

n48,100MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n48,100MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



13:43:10 04.01.2023

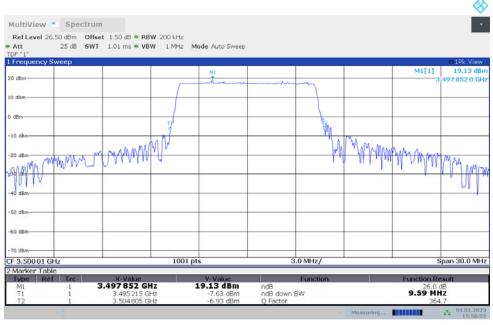




LTE Band 66+NR n77L n77L,10MHz(-26dBc)

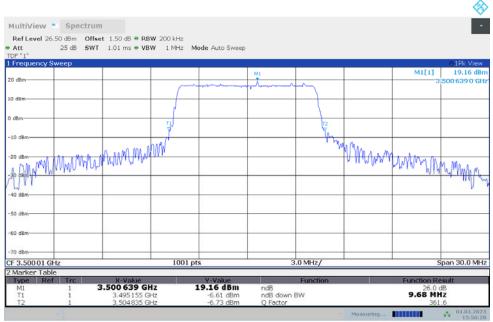
Fraguerov (MI Iz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	9.590	9.680

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



15:56:02 04.01.2023

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



15:56:21 04.01.2023

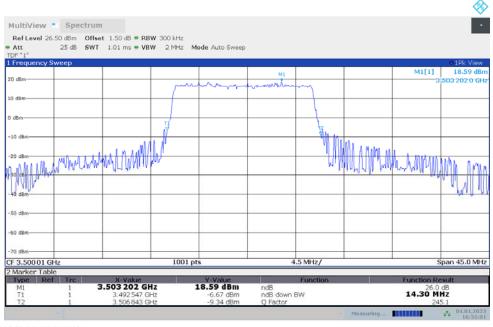




LTE Band 66+NR n77L n77L,15MHz(-26dBc)

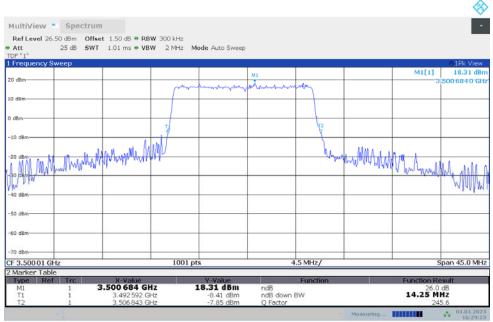
Fraguerov (MI Iz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	14.296	14.251

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



16:32:01 04.01.2023

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



16:29:24 04.01.2023

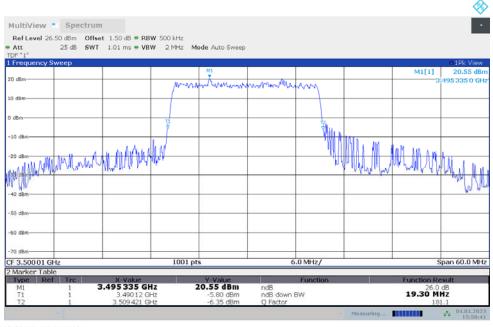




LTE Band 66+NR n77L n77L,20MHz(-26dBc)

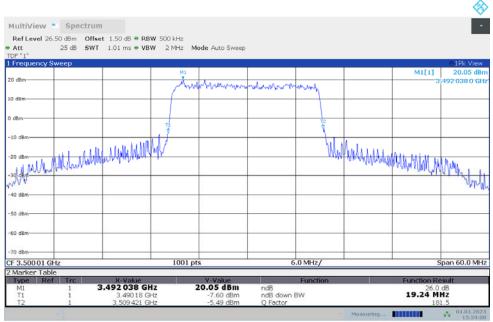
Fraguerov (MI Iz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	19.301	19.241

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



15:58:42 04.01.2023

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



15:59:00 04.01.2023

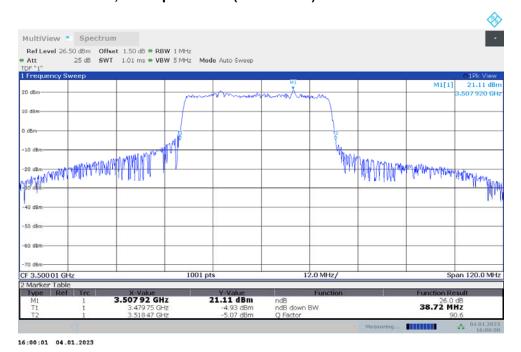




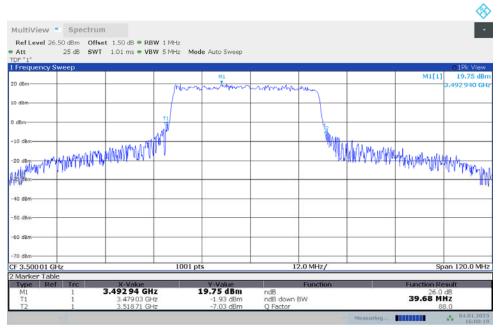
LTE Band 66+NR n77L n77L,40MHz(-26dBc)

Fraguerov (MI Iz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	38.720	39.680

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



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



16:00:20 04.01.2023

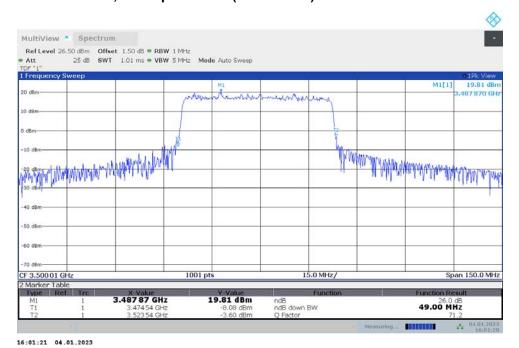




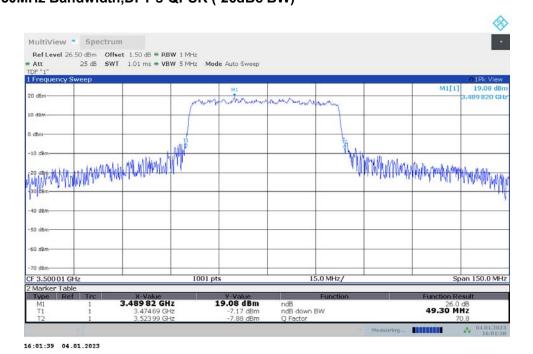
LTE Band 66+NR n77L n77L,50MHz(-26dBc)

Fragues av (MIII=)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	49.000	49.300

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



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



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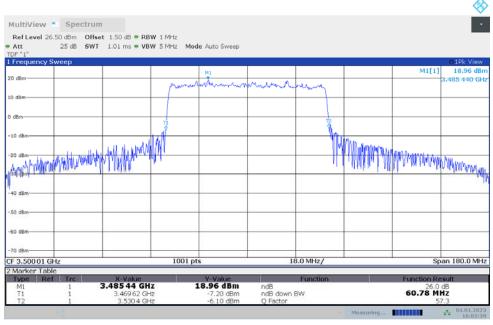




LTE Band 66+NR n77L n77L,60MHz(-26dBc)

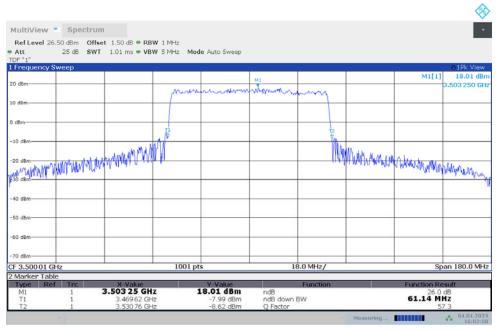
Fraguerov (MI Iz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	60.780	61.140

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



16:02:40 04.01.2023

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



16:02:59 04.01.2023

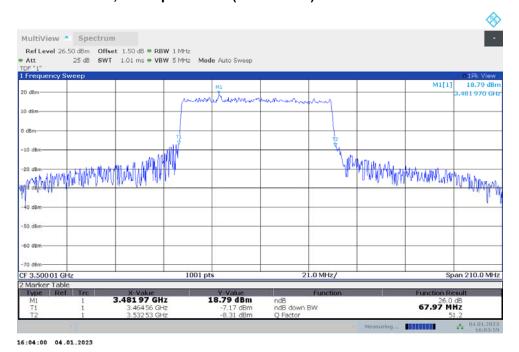




LTE Band 66+NR n77L n77L,70MHz(-26dBc)

Fraguerov (MIII a)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	67.970	69.020

n77L,70MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n77L,70MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

16:04:18 04.01.2023

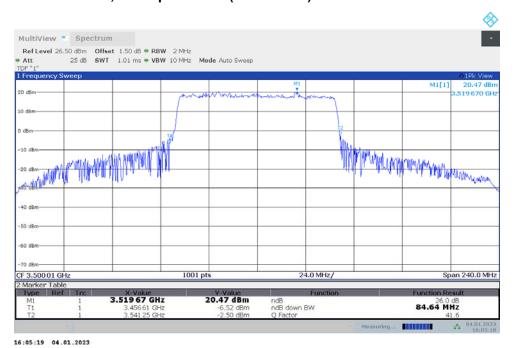




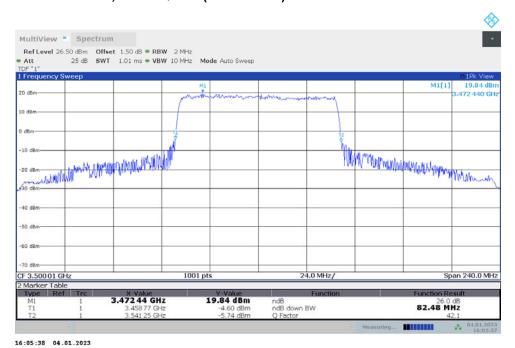
LTE Band 66+NR n77L n77L,80MHz(-26dBc)

Fraguerov (MI Iz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	84.640	82.480

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



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



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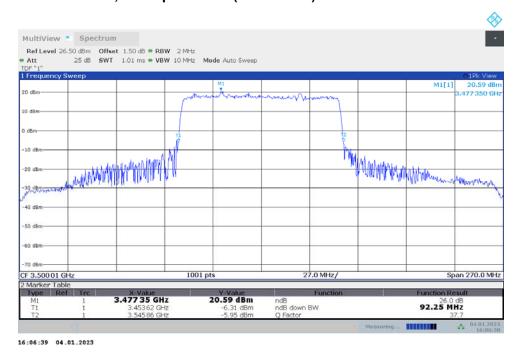




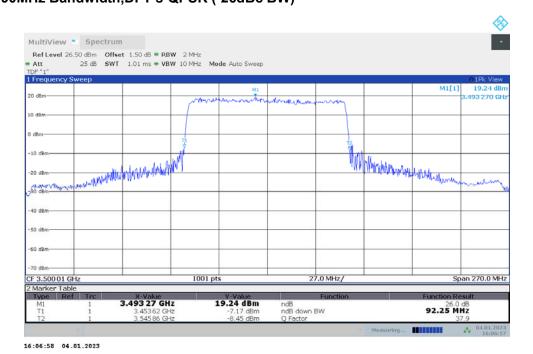
LTE Band 66+NR n77L n77L,90MHz(-26dBc)

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

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



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



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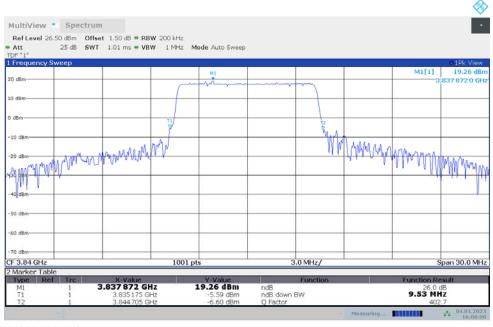




LTE Band 66+NR n77H n77H,10MHz(-26dBc)

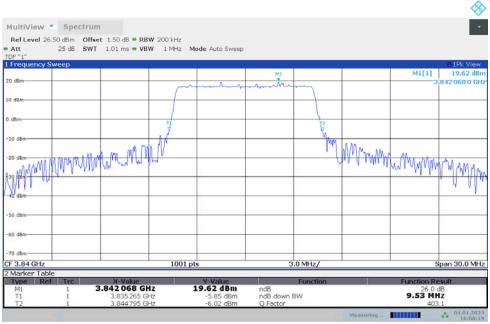
Fragues av (MILE)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	9.530	9.530

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



16:08:01 04.01.2023

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



16:08:20 04.01.2023

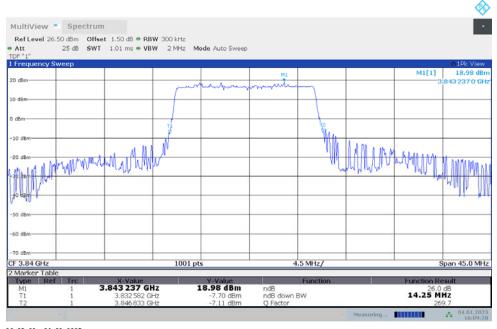




LTE Band 66+NR n77H n77H,15MHz(-26dBc)

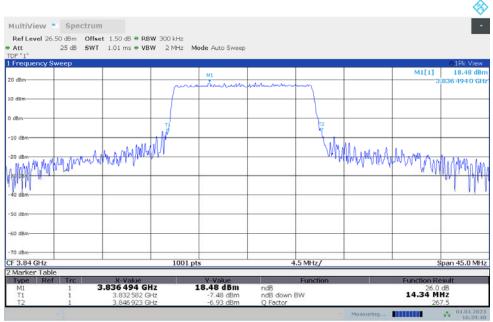
Fraguerov (MIII a)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	14.251	14.341

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



16:09:21 04.01.2023

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



16:39:40 04.01.2023

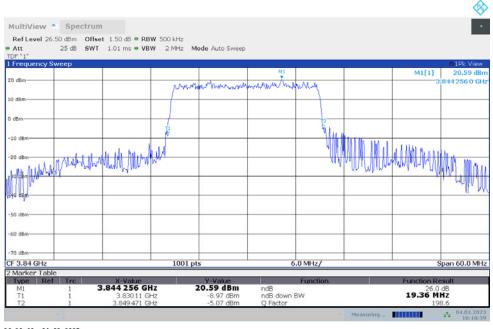




LTE Band 66+NR n77H n77H,20MHz(-26dBc)

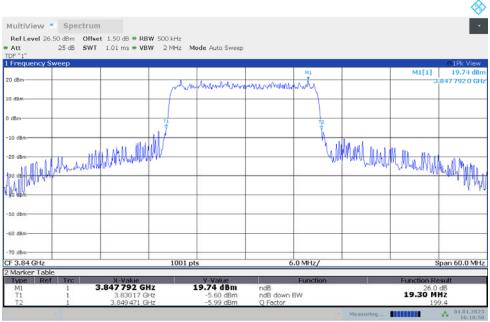
Fraguerov (MI Iz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	19.361	19.301

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



16:10:40 04.01.2023

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



16:10:59 04.01.2023

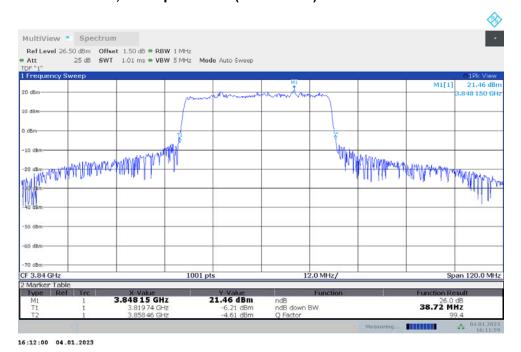




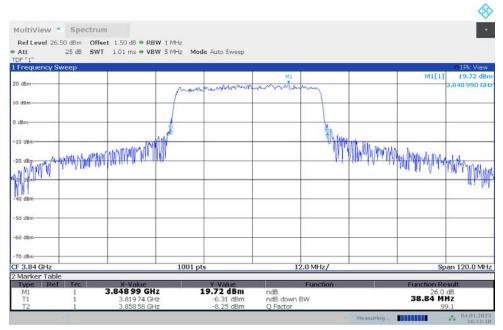
LTE Band 66+NR n77H n77H,40MHz(-26dBc)

Fraguerov (MIII a)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	38.720	38.840

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



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



16:12:19 04.01.2023

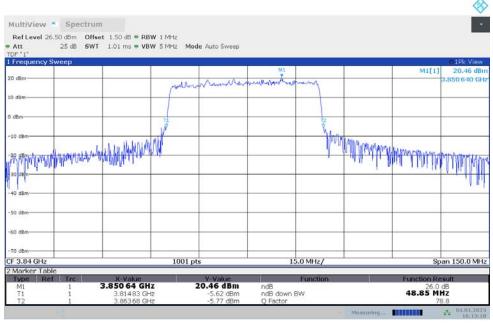




LTE Band 66+NR n77H n77H,50MHz(-26dBc)

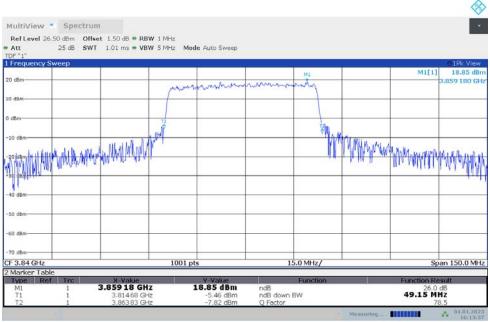
Fragues av (MILE)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	48.850	49.150

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



16:13:19 04.01.2023

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



16:13:38 04.01.2023

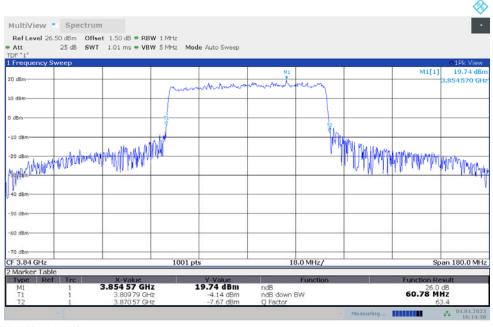




LTE Band 66+NR n77H n77H,60MHz(-26dBc)

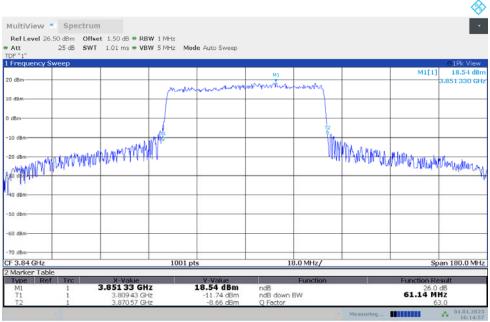
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	60.780	61.140

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



16:14:39 04.01.2023

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



16:14:58 04.01.2023

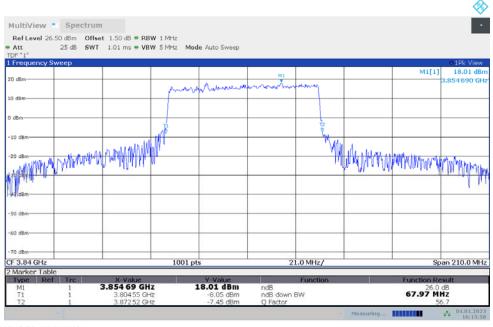




LTE Band 66+NR n77H n77H,70MHz(-26dBc)

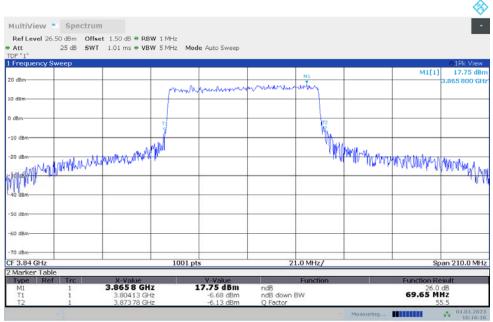
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	67.970	69.650

n77H,70MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



16:15:59 04.01.2023

n77H,70MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



16:16:17 04.01.2023

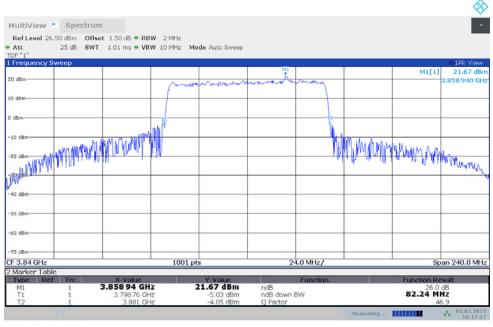




LTE Band 66+NR n77H n77H,80MHz(-26dBc)

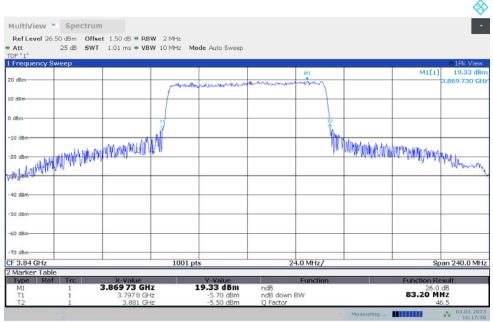
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	82.240	83.200

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



16:17:18 04.01.2023

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



16:17:36 04.01.2023

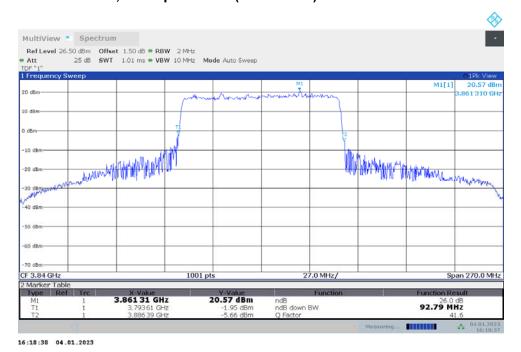




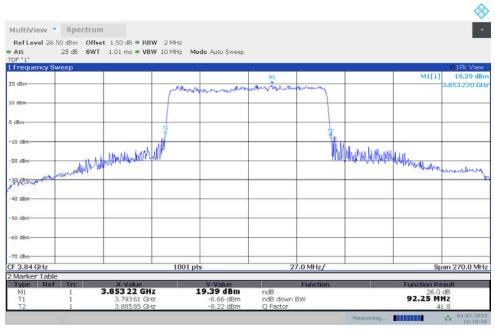
LTE Band 66+NR n77H n77H,90MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	92.790	92.250

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



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



16:18:56 04.01.2023

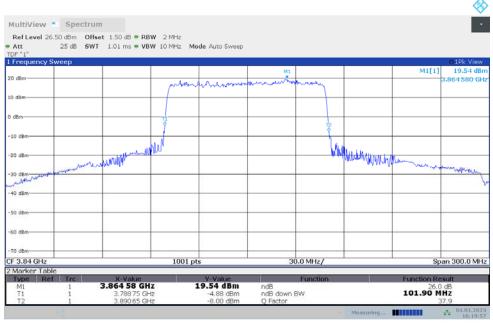




LTE Band 66+NR n77H n77H,100MHz(-26dBc)

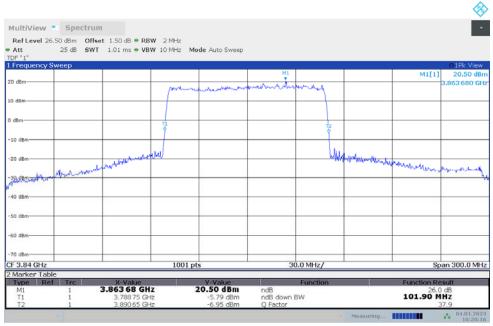
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	101.900	101.900

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



16:19:58 04.01.2023

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



16:20:17 04.01.2023

Note: The maximum value of expanded measurement uncertainty for this test item is U = 0.626 kHz, k = 2. ©Copyright. All rights reserved by CTTL. Page 212 of 245





A.6 Band Edge Compliance

A.6.1 Measurement limit

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. Part 27.53(n) states for mobile operations in the 3450-3550 MHz band, the conducted power of

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(I) 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 (I)(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.

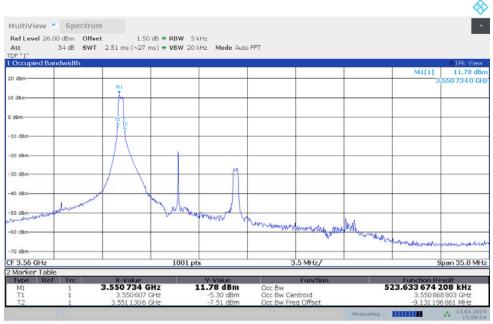
The spectrum analyzer readings are corrected by [10 log (1/duty cycle)] for the non-continuous transmitting scenario.



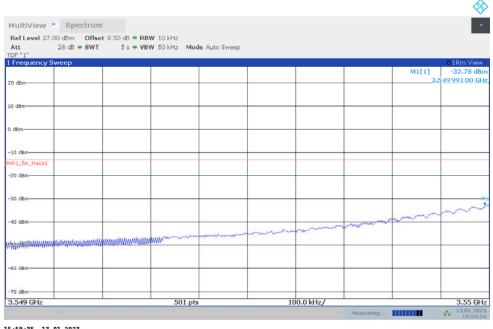


A.6.2 Measurement result NR n48

OBW: 1RB-LOW_offset



LOW BAND EDGE BLOCK-1RB-LOW_offset

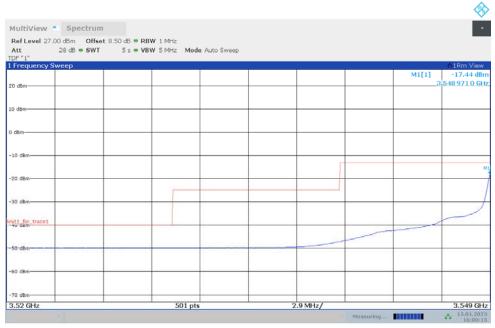


15:59:35 13.01.2023



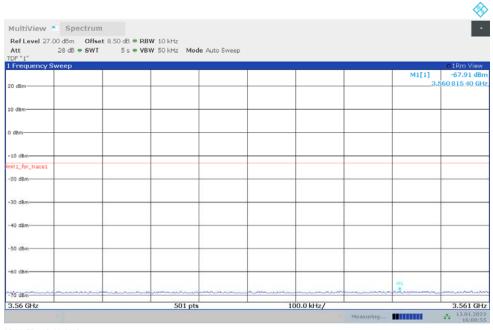


LOW BAND EDGE BLOCK-1RB-LOW_offset



16:00:15 13.01.2023

LOW BAND EDGE BLOCK-1RB-LOW_offset

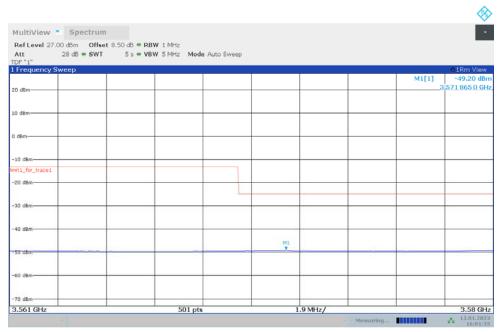


16:00:55 13.01.2023





LOW BAND EDGE BLOCK-1RB-LOW_offset



16:01:35 13.01.2023



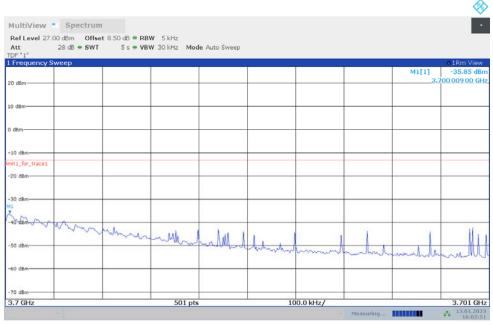


OBW: 1RB-HIGH_offset



16:02:11 13.01.2023

HIGH BAND EDGE BLOCK-1RB-HIGH_offset



16:02:51 13.01.2023



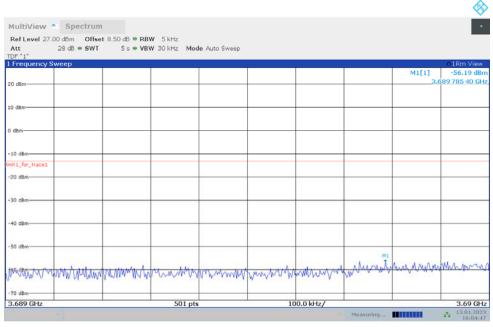


HIGH BAND EDGE BLOCK-1RB-HIGH_offset



16:04:07 13.01.2023

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

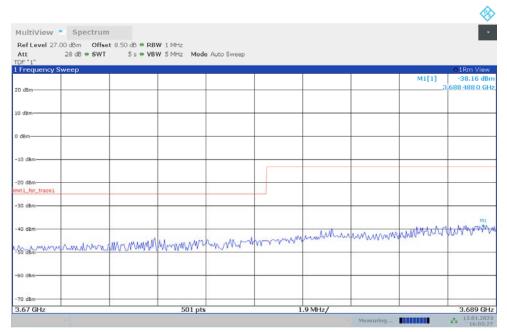


16:04:47 13.01.2023





HIGH BAND EDGE BLOCK-1RB-HIGH_offset



16:05:28 13.01.2023





LOW BAND EDGE BLOCK-100M-100%RB



LOW BAND EDGE BLOCK-100M-100%RB



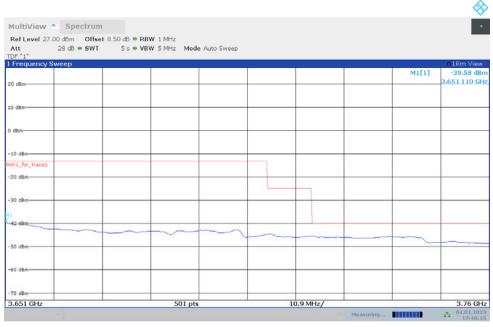




LOW BAND EDGE BLOCK-100M-100%RB



LOW BAND EDGE BLOCK-100M-100%RB

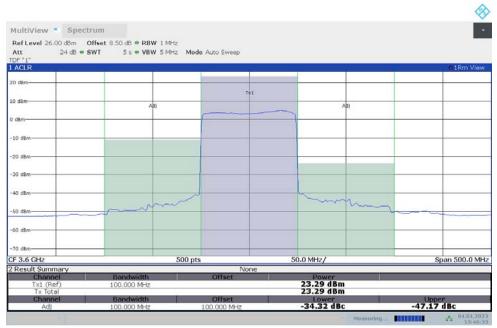


13:46:16 04.01.2023





ACLR

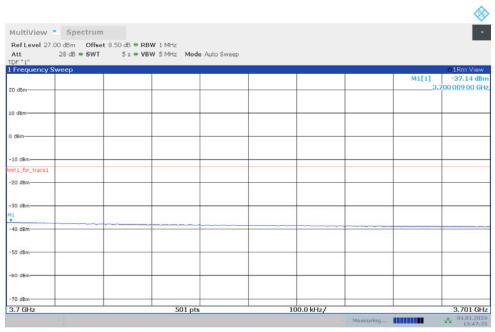


13:46:33 04.01.2023



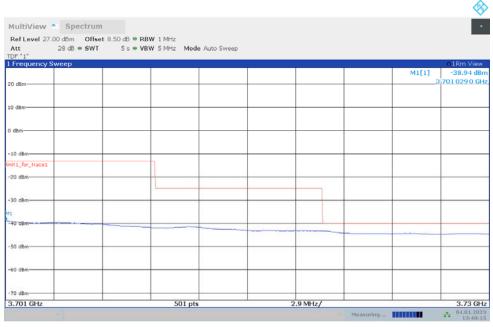


HIGH BAND EDGE BLOCK-100M-100%RB



13:47:35 04.01.2023

HIGH BAND EDGE BLOCK-100M-100%RB



13:48:15 04.01.2023

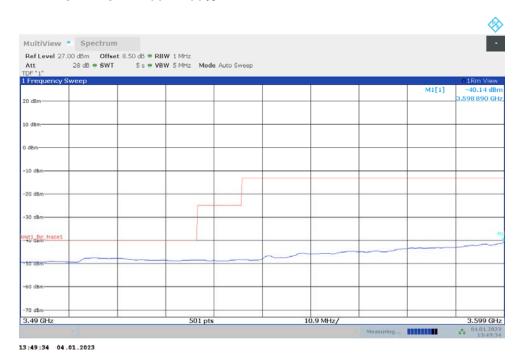




HIGH BAND EDGE BLOCK-100M-100%RB



HIGH BAND EDGE BLOCK-100M-100%RB







ACLR

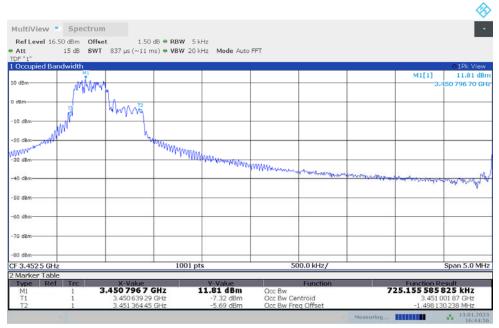


13:49:52 04.01.2023



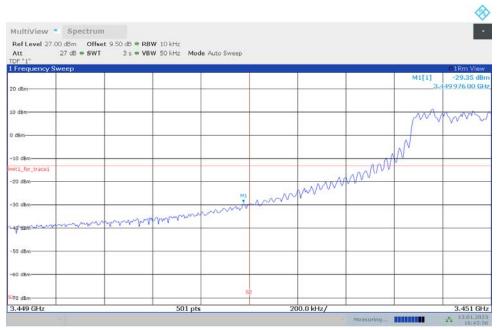


LTE Band 66+NR n77L OBW: 1RB-LOW_offset



16:44:56 13.01.2023

LOW BAND EDGE BLOCK-1RB-LOW_offset

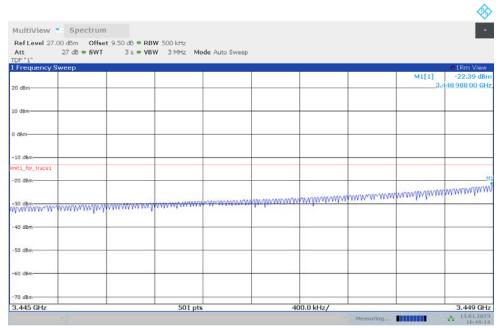


16:45:36 13.01.2023





LOW BAND EDGE BLOCK-1RB-LOW_offset

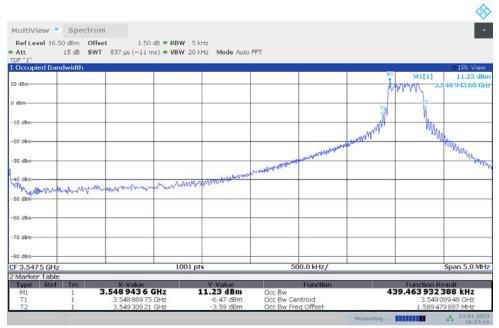


16:46:15 13.01.2023



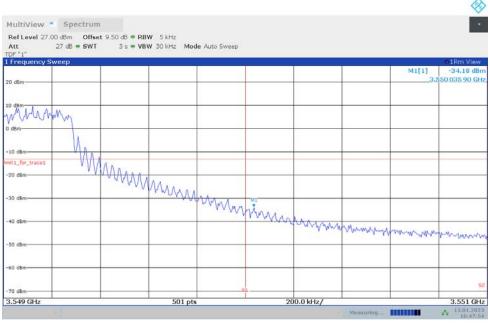


OBW: 1RB-HIGH_offset



16:47:14 13.01.2023

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

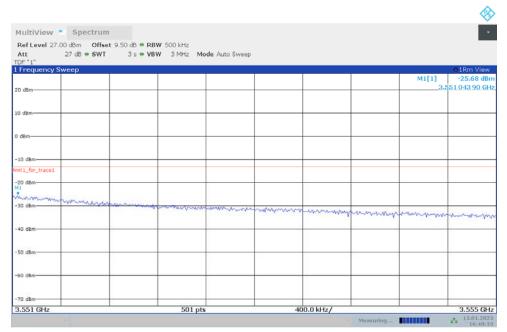


16:47:54 13.01.2023





HIGH BAND EDGE BLOCK-1RB-HIGH_offset

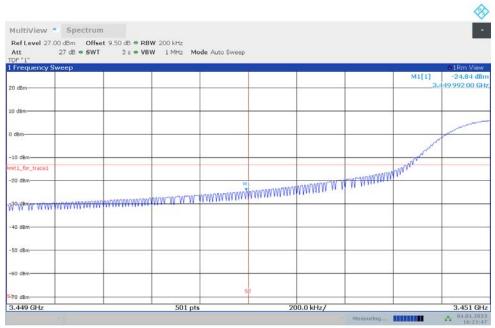


16:48:33 13.01.2023



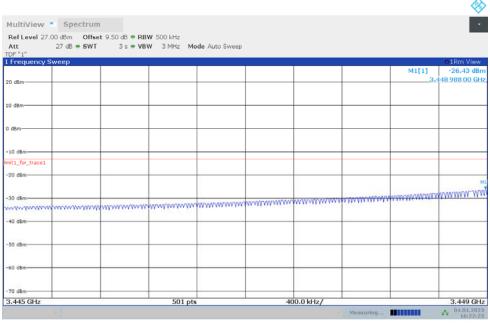


LOW BAND EDGE BLOCK-90M-100%RB



16:21:48 04.01.2023

LOW BAND EDGE BLOCK-90M-100%RB



16:22:26 04.01.2023