n77L,15MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	14.251	14.206

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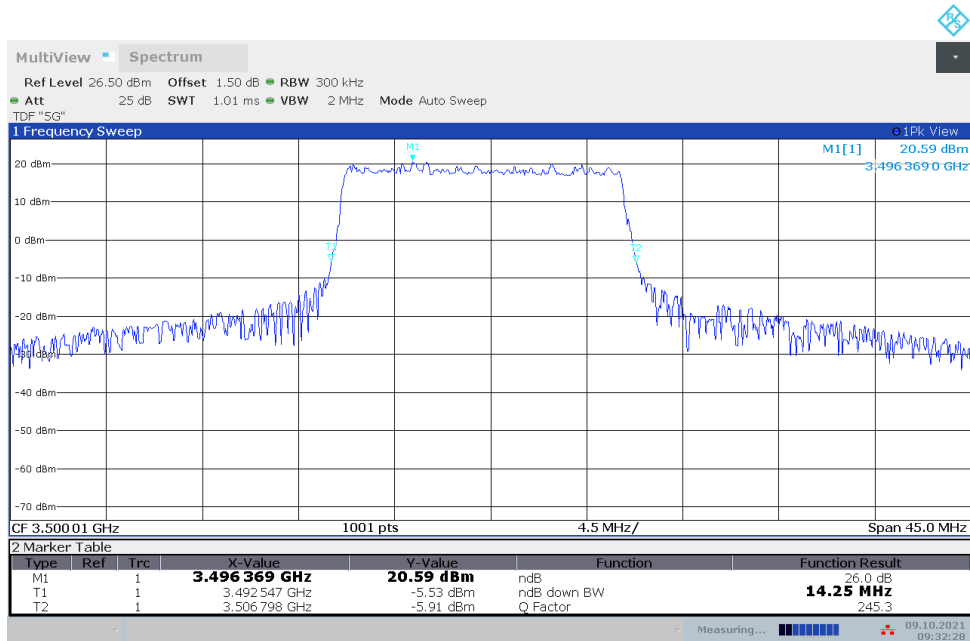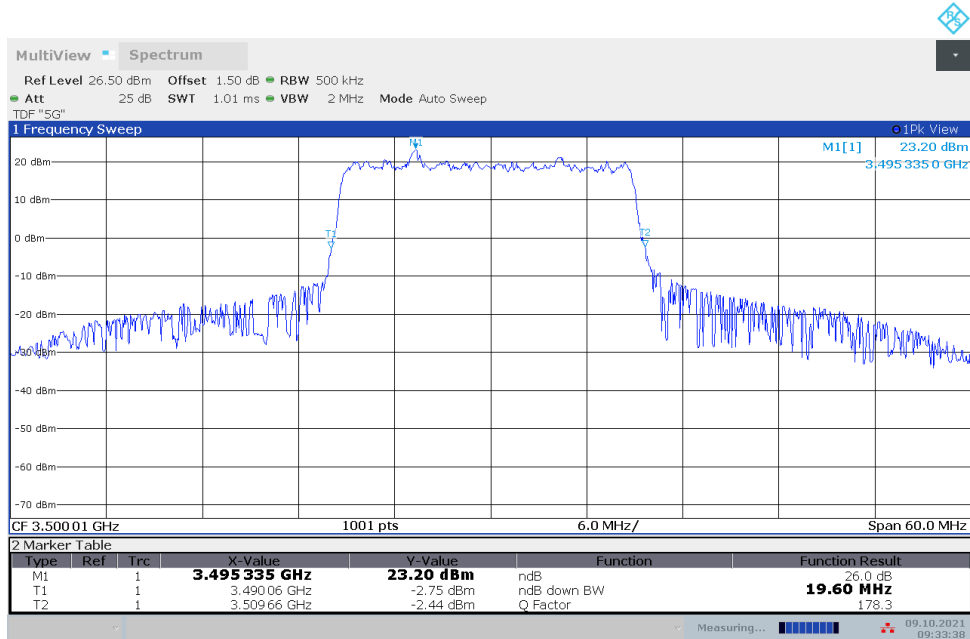

Date:9.OCT.2021 09:32:29
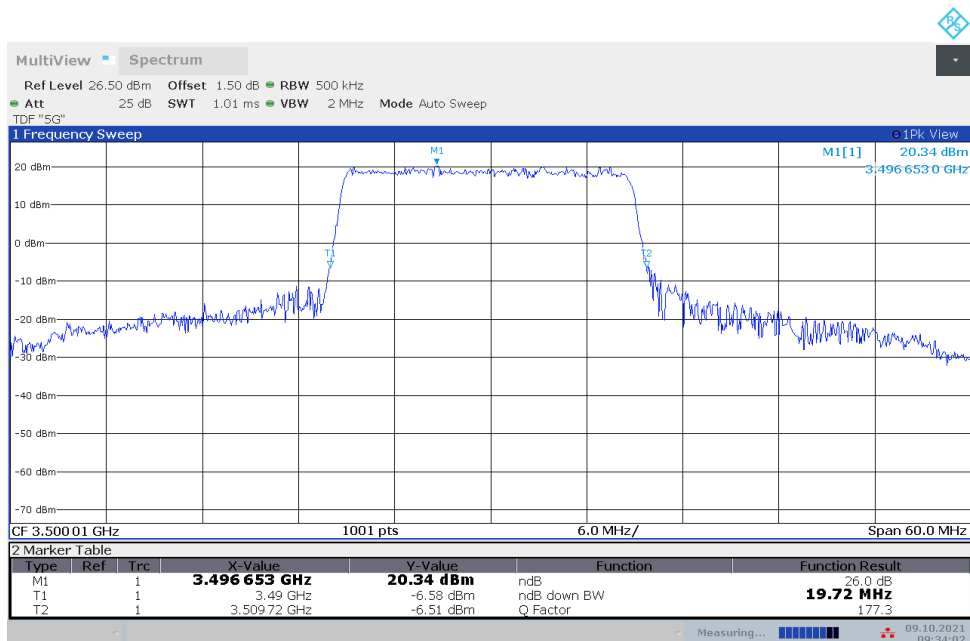
n77L,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)
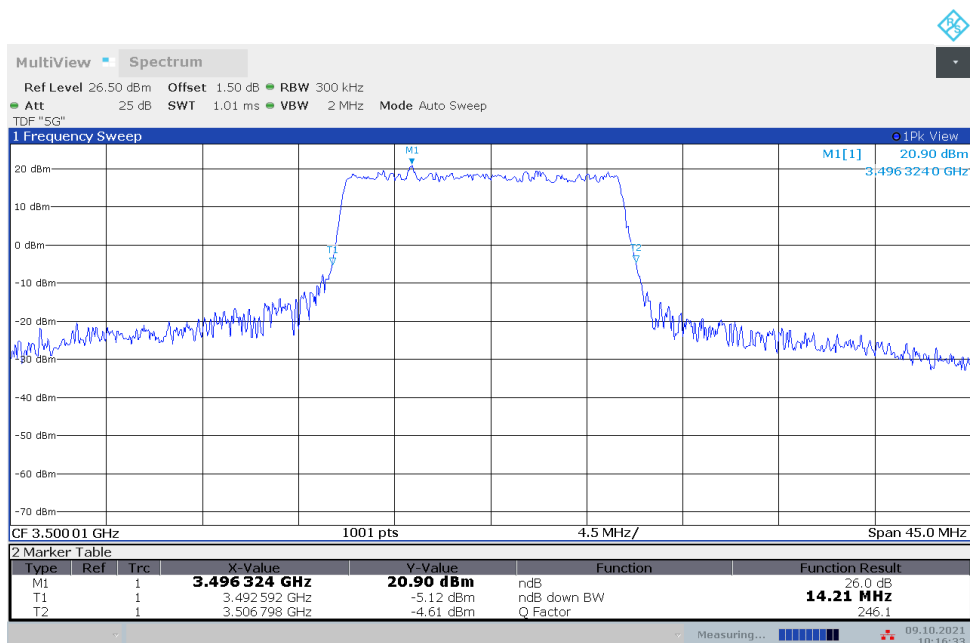
Date:9.OCT.2021 10:16:33

n77L,20MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	19.600	19.720

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

Date:9.OCT.2021 09:33:39

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

Date:9.OCT.2021 09:34:03

n77L,40MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	38.480	38.720

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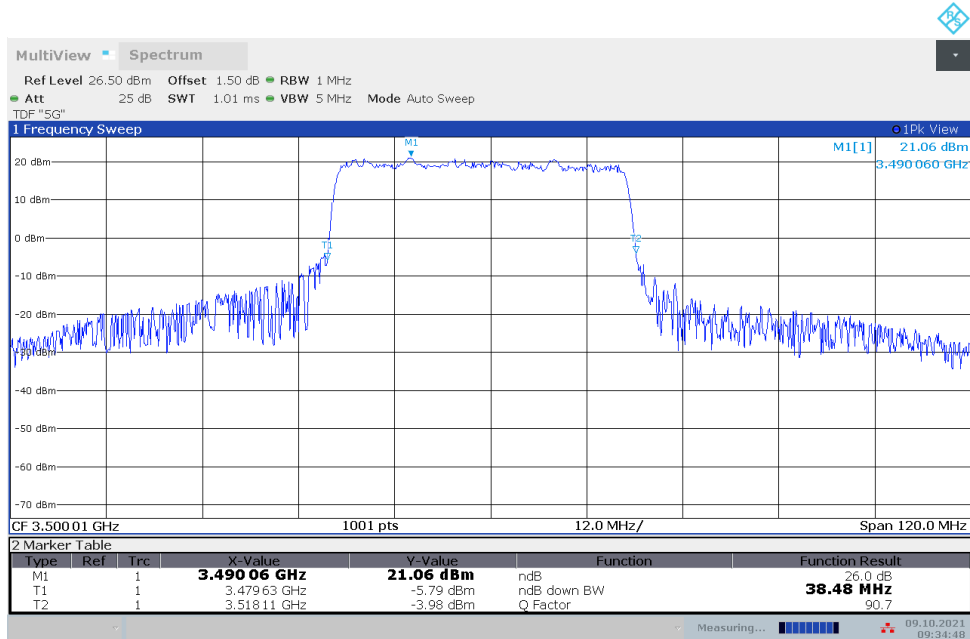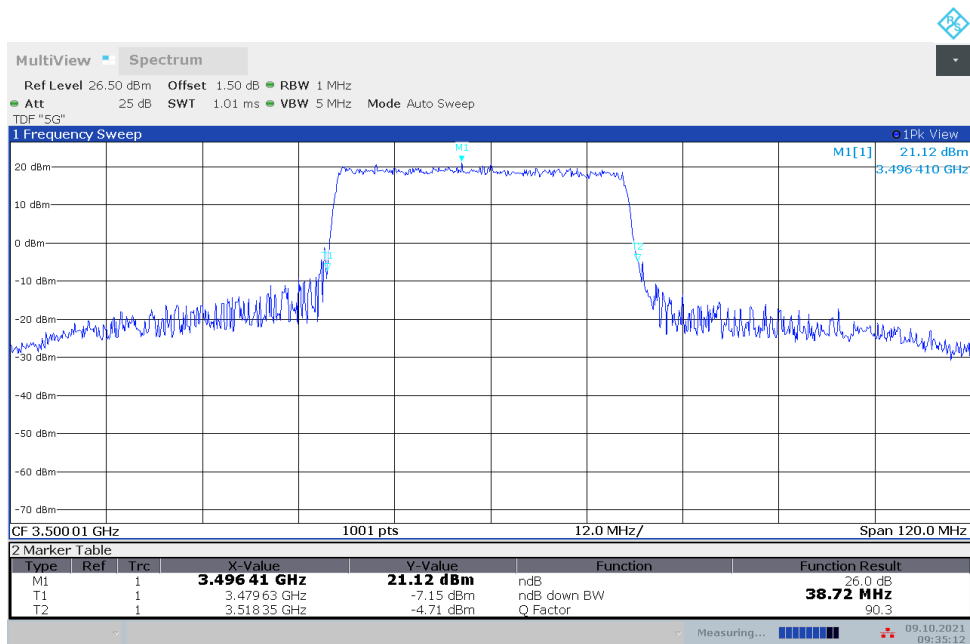

Date:9.OCT.2021 09:34:48

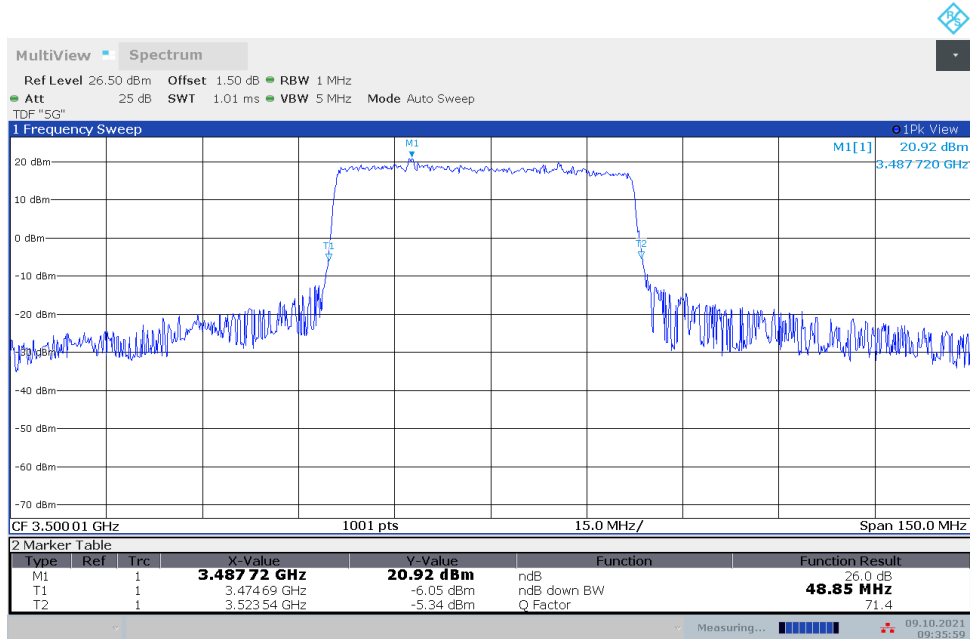## n77L,40MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

Date:9.OCT.2021 09:35:13

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)

Date: 9 OCT 2021 09:36:00

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

Date: 9 OCT 2021 09:36:24

n77L,60MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	60.600	60.780

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

Date: 9.OCT.2021 09:37:20

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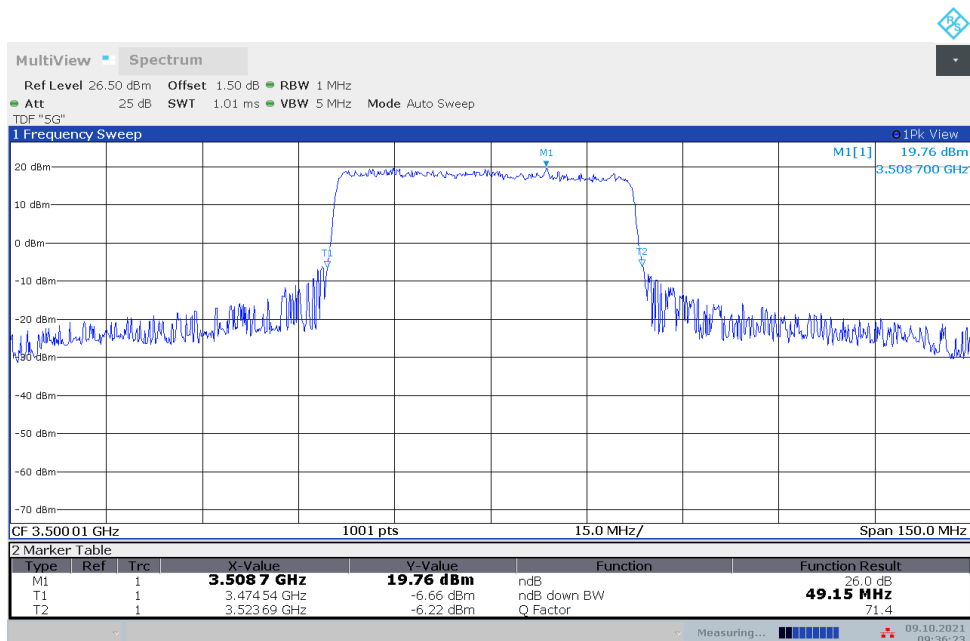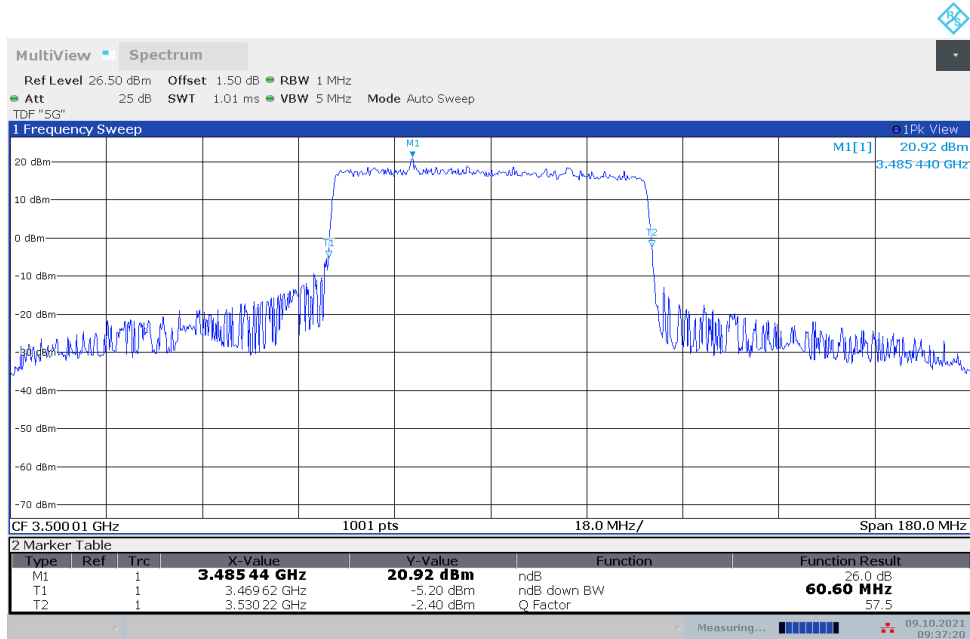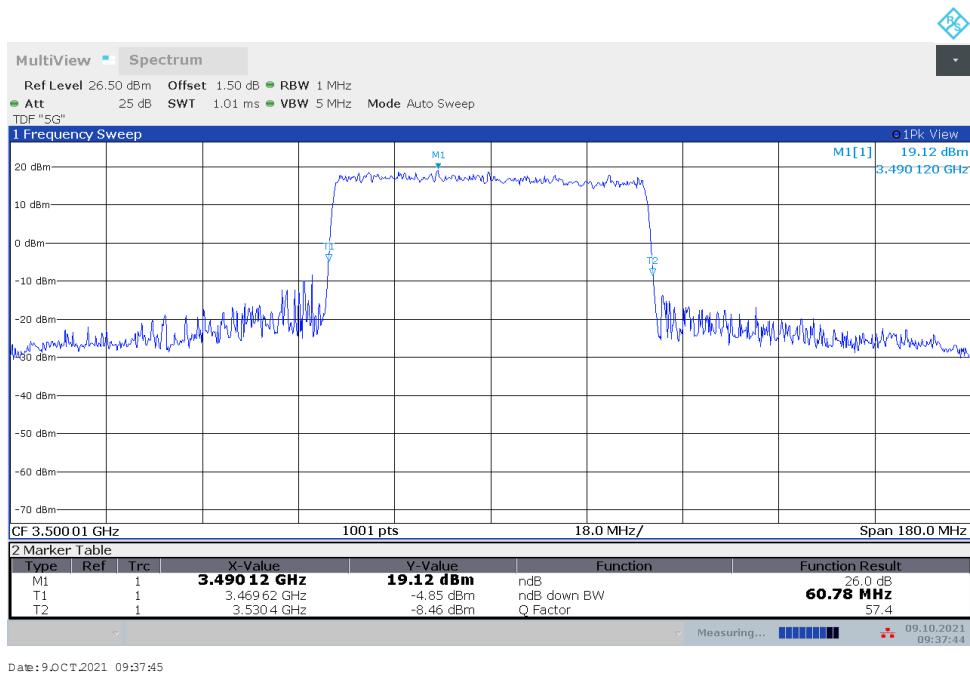

Date: 9.OCT.2021 09:37:45

n77L,80MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	82.000	82.480

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

Date:9.OCT.2021 09:38:30

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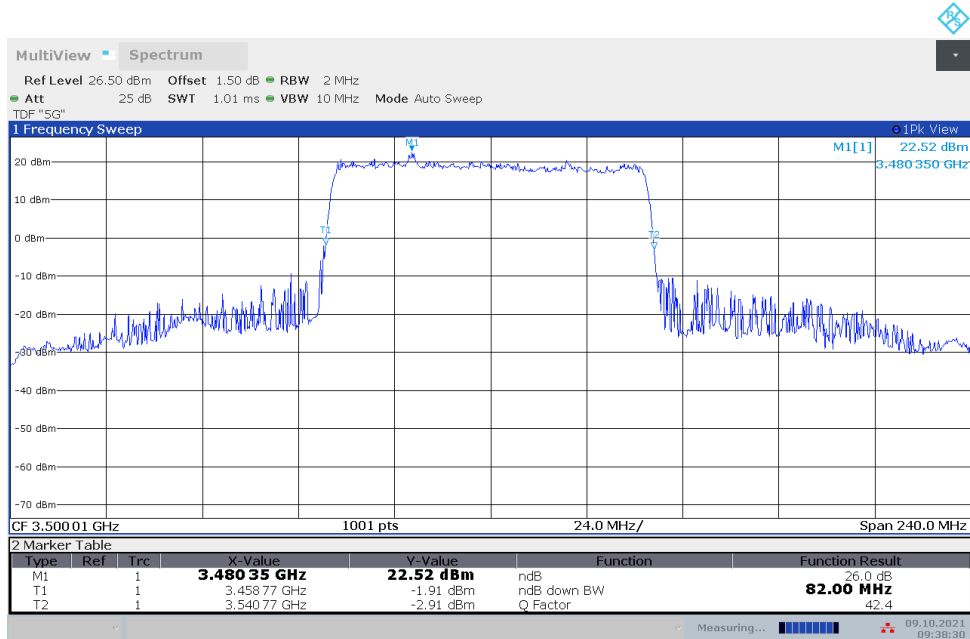

Date:9.OCT.2021 09:38:54
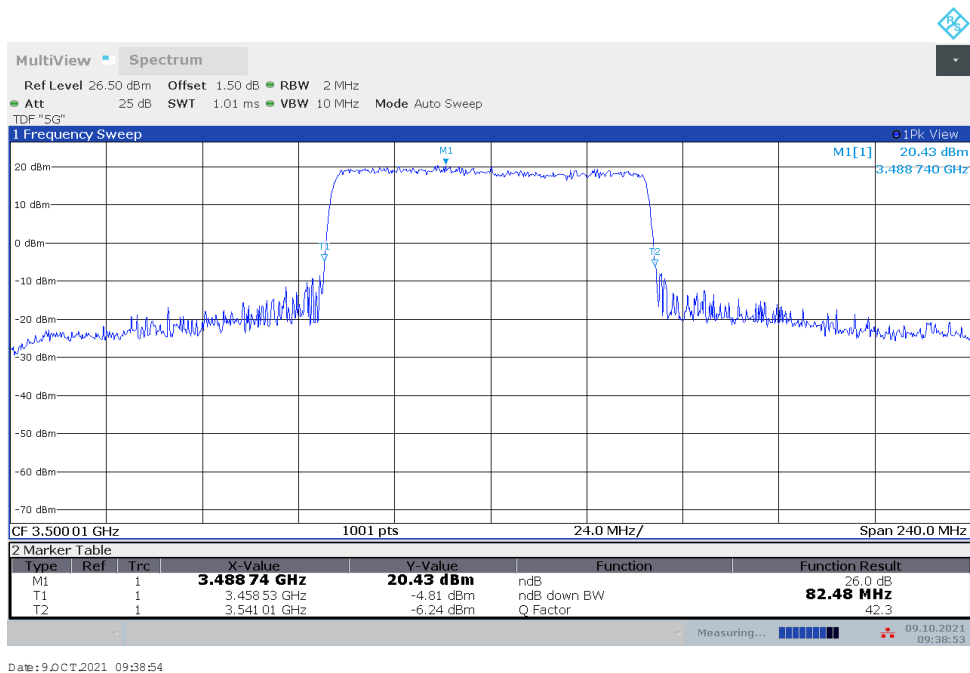
n77L,90MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	90.900	91.170

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

Date:9.OCT.2021 09:39:41

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

Date:9.OCT.2021 09:40:05
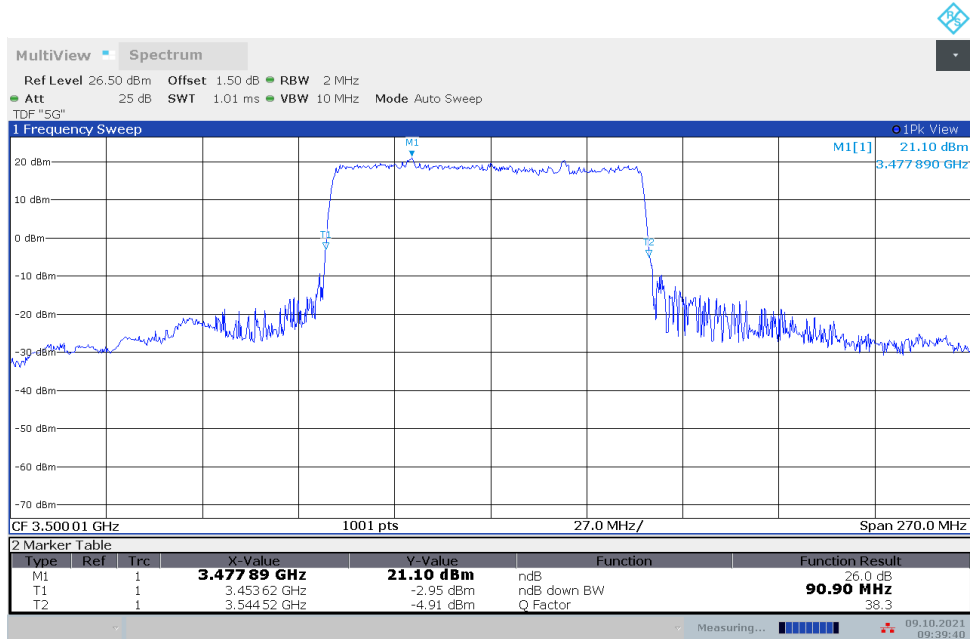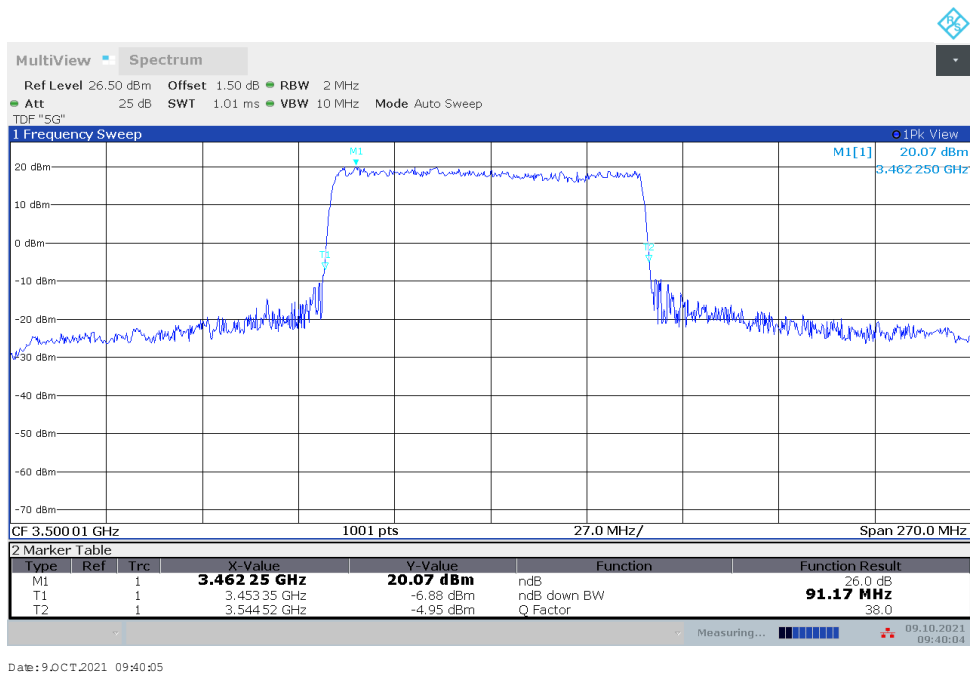
n77H

n77H,10MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	9.620	9.620

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

Date：9.OCT.2021 09:40:59

n77H,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)
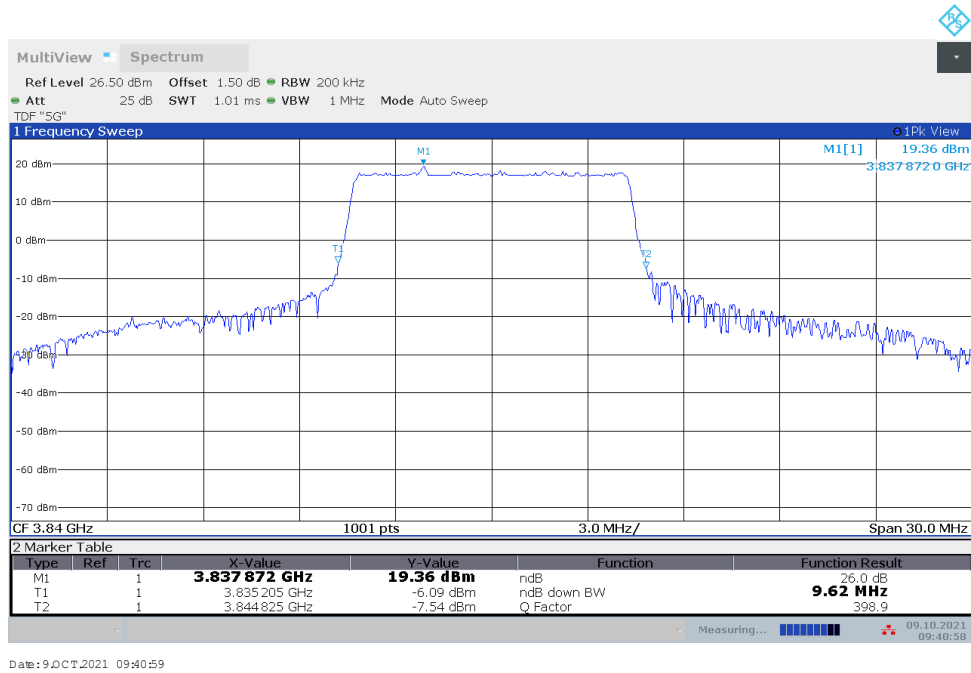
Date：9.OCT.2021 09:41:23
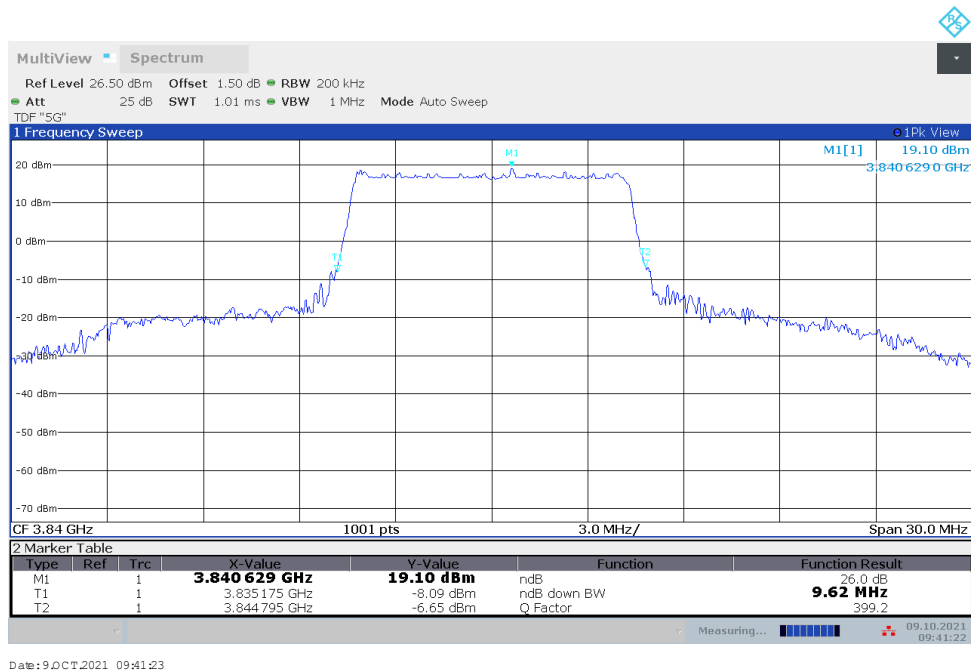
n77H,15MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	14.206	14.296

n77H,15MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)
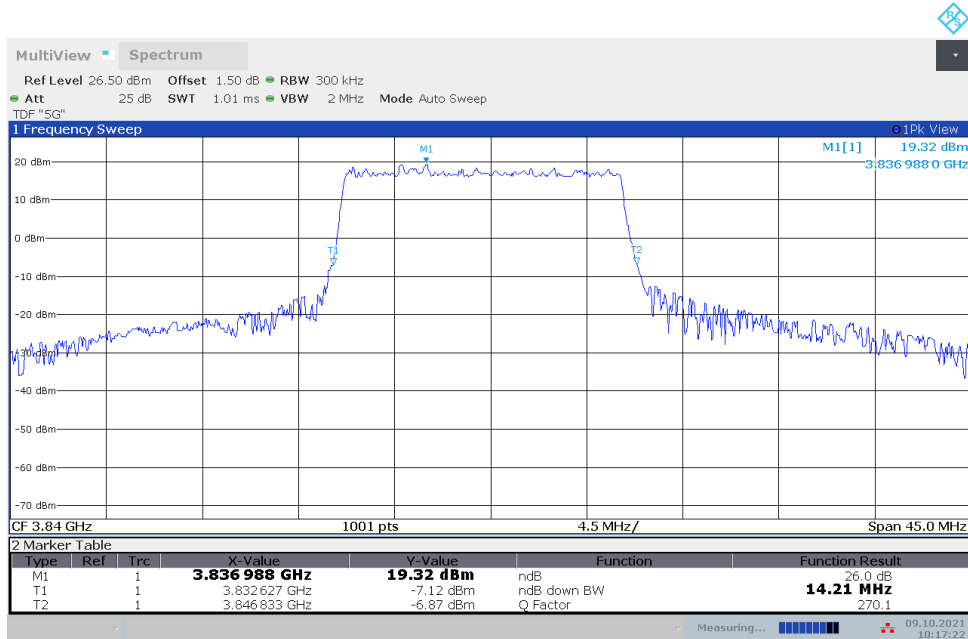
Date:9.OCT.2021 10:17:22

n77H,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)
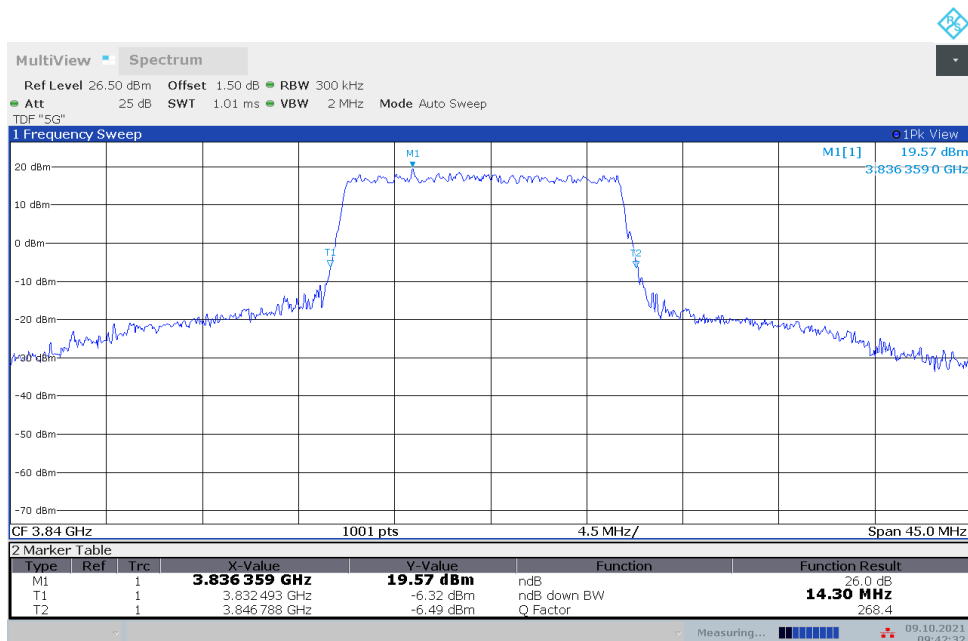
Date:9.OCT.2021 09:42:33

n77H,20MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	19.481	19.660

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

Date: 9.OCT.2021 09:43:19
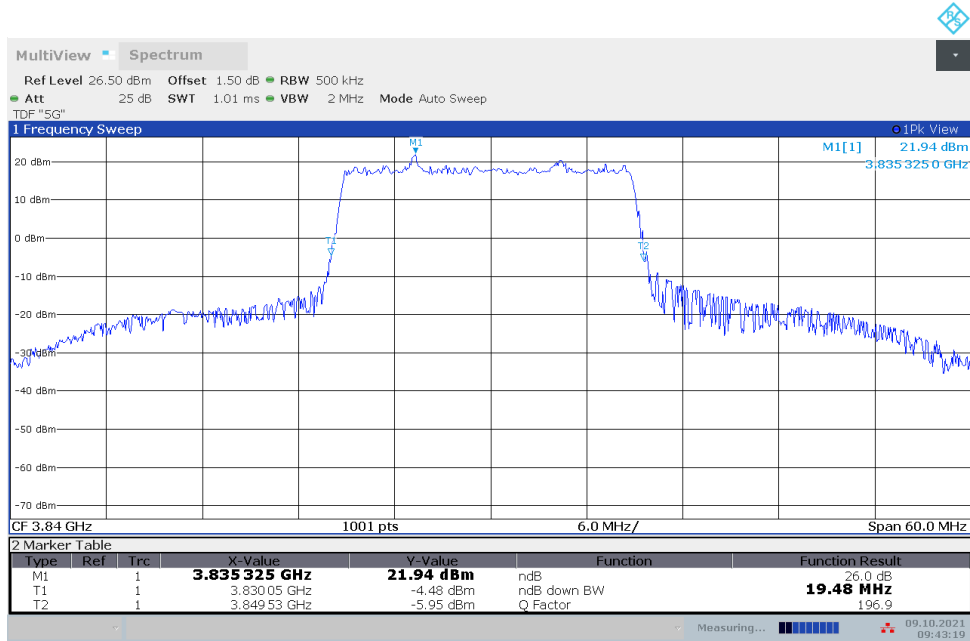
n77H,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

Date: 9.OCT.2021 09:43:43

n77H,40MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	38.600	38.840

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

Date:9.OCT.2021 09:44:30

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

Date:9.OCT.2021 09:44:54
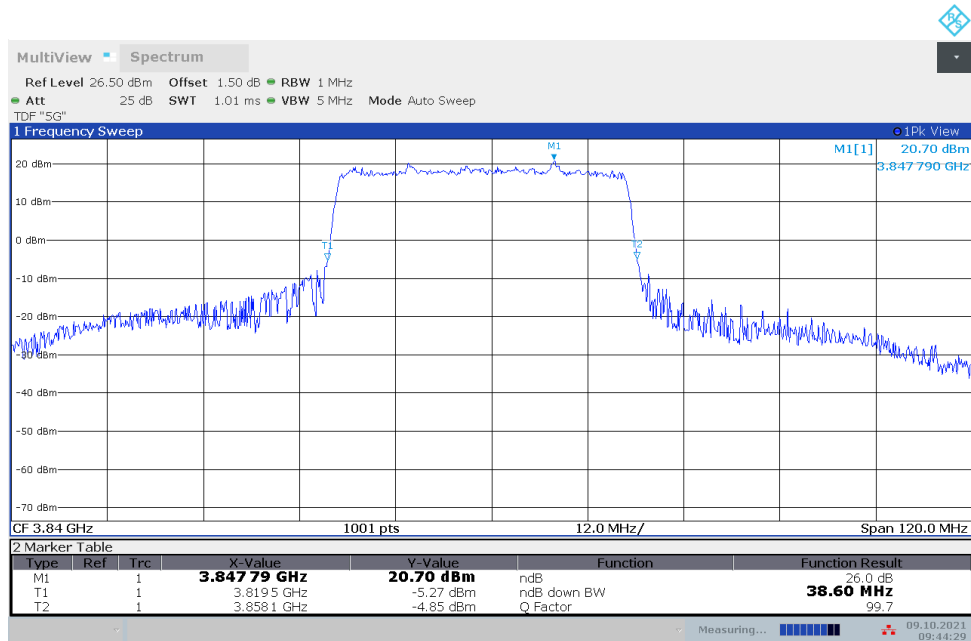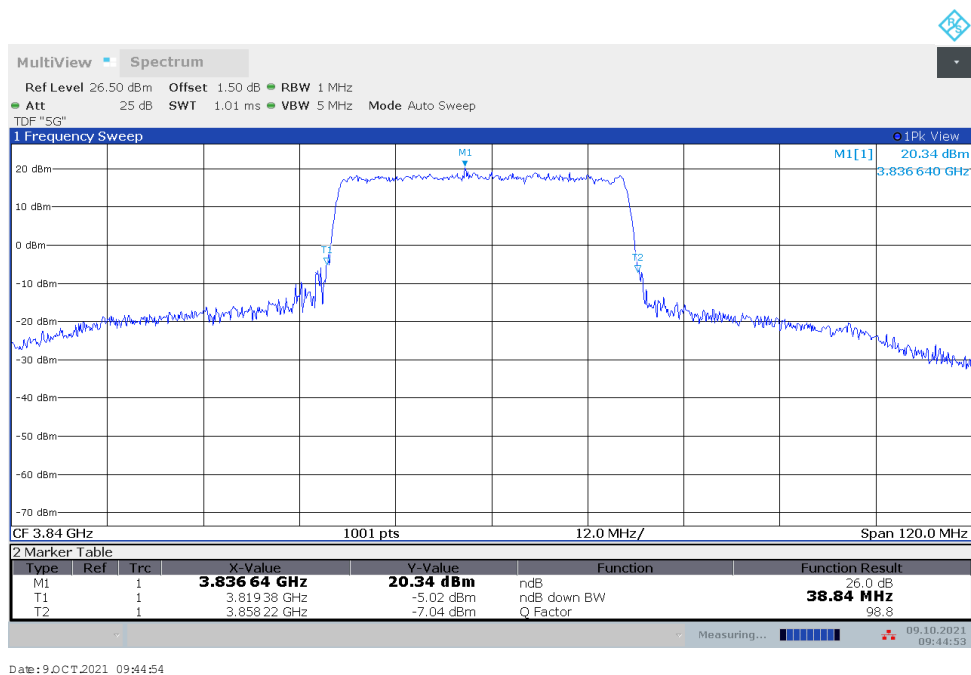
n77H,50MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	49.000	48.850

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

Date:9.OCT.2021 09:45:41

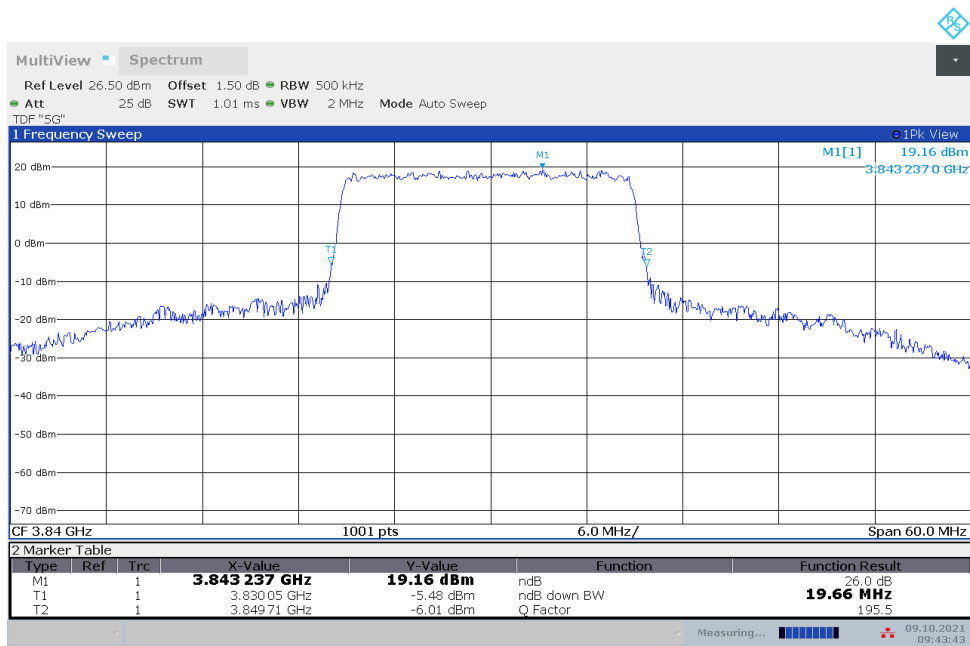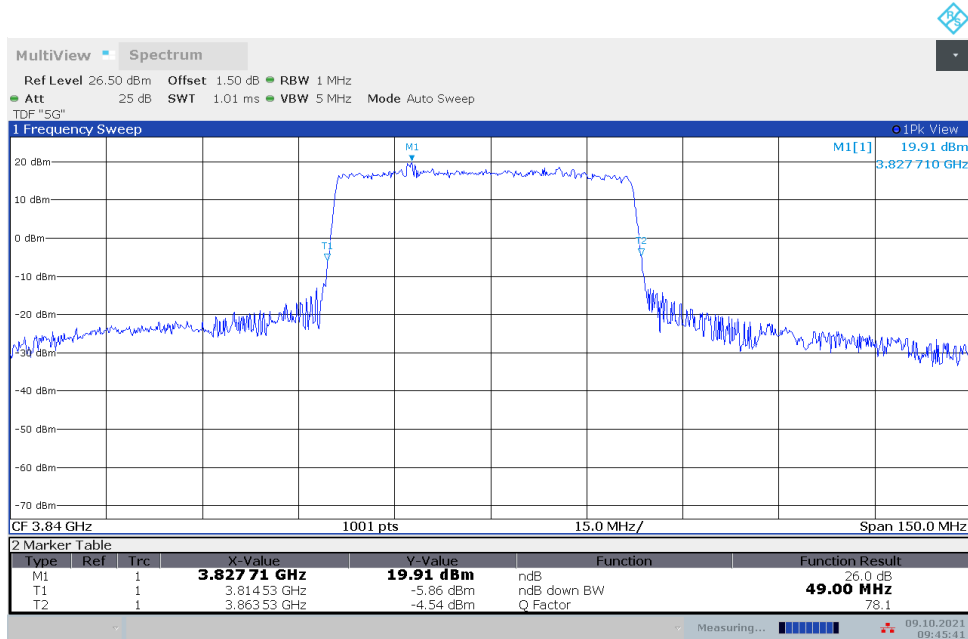### n77H,50MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

Date:9.OCT.2021 09:46:05
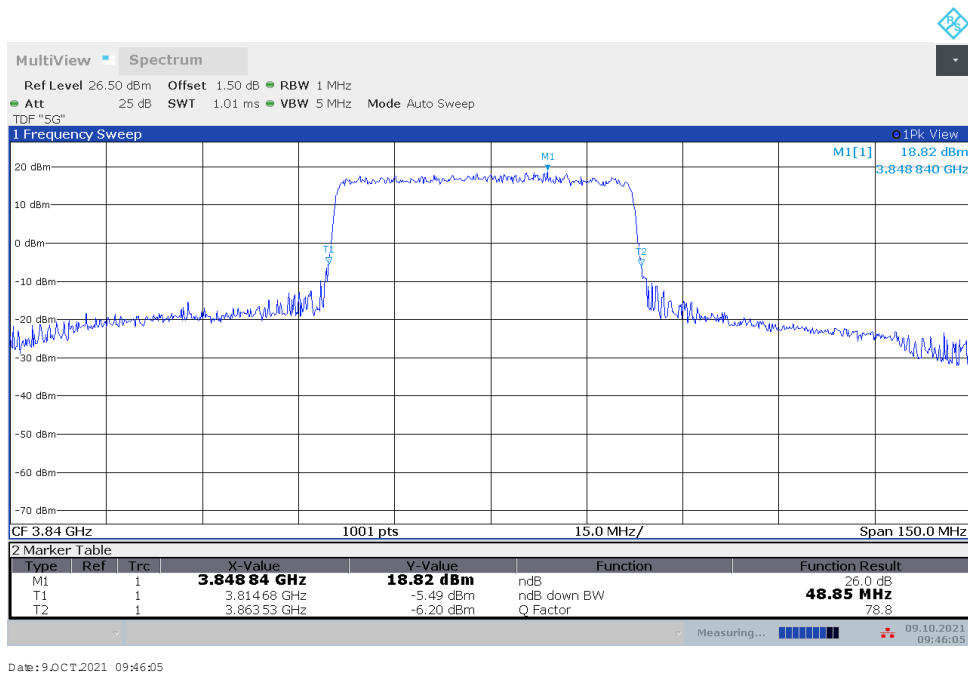
n77H,60MHz(-26dBc)

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)

Date: 9 OCT 2021 09:46:51

n77H,60MHz Bandwidth,DFT-s-QPSK (-26dBc BW)
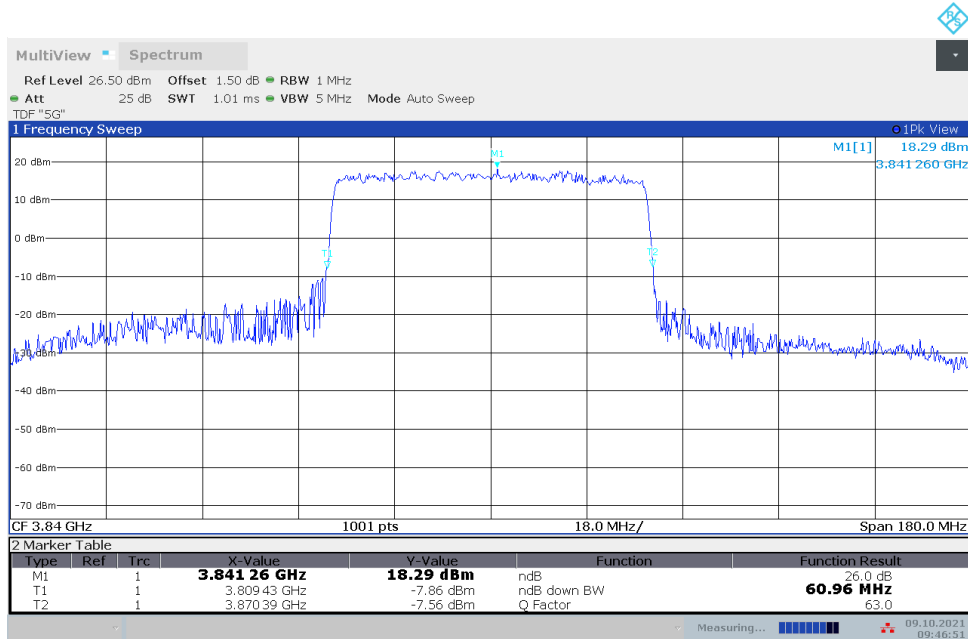
Date: 9 OCT 2021 09:47:15
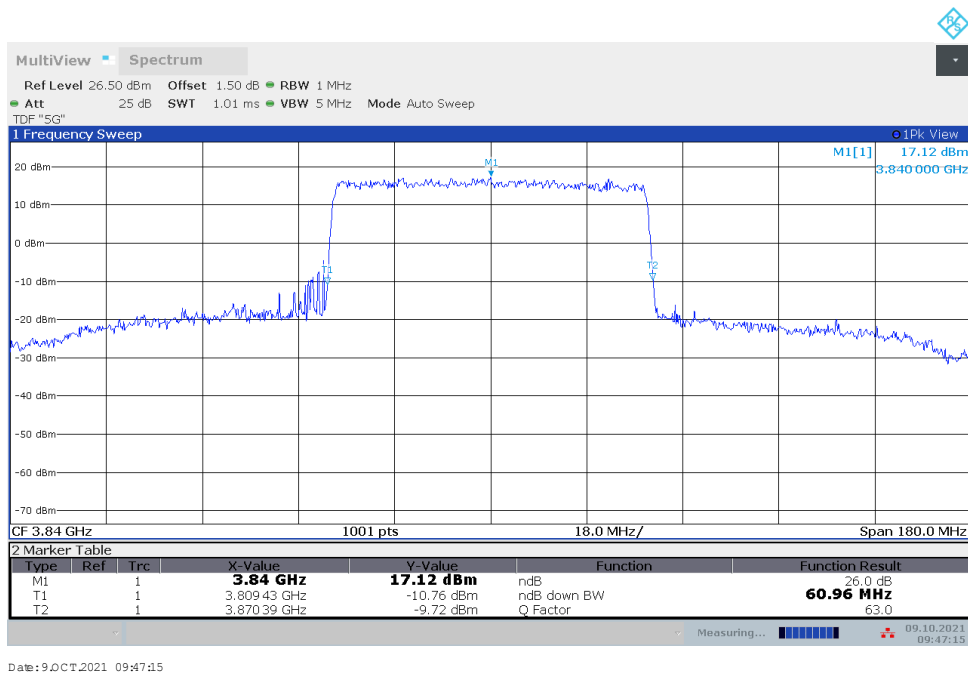
n77H,80MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	82.480	82.480

n77H,80MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)
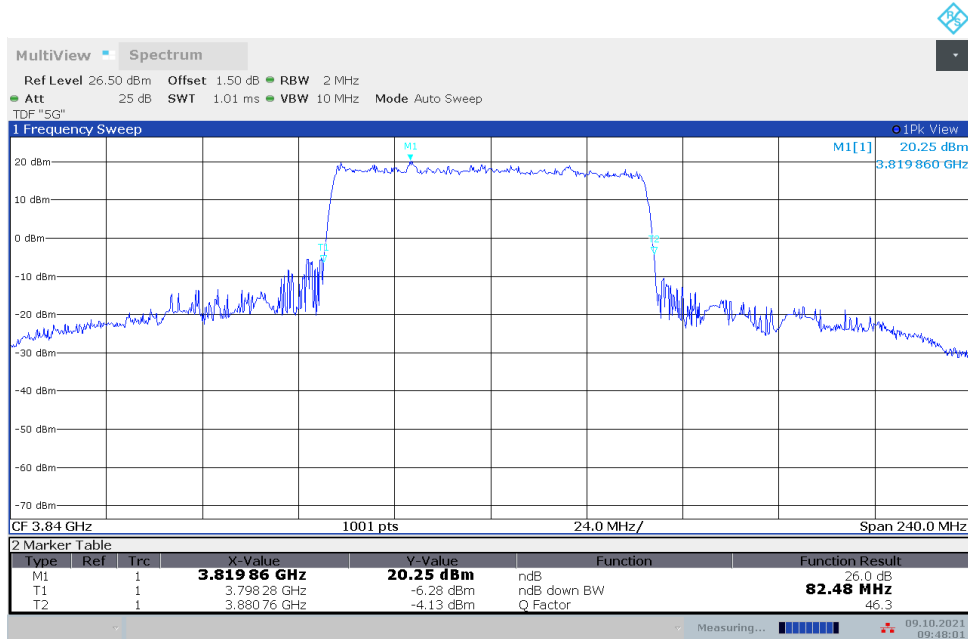
Date:9.OCT.2021 09:48:01

n77H,80MHz Bandwidth,DFT-s-QPSK (-26dBc BW)
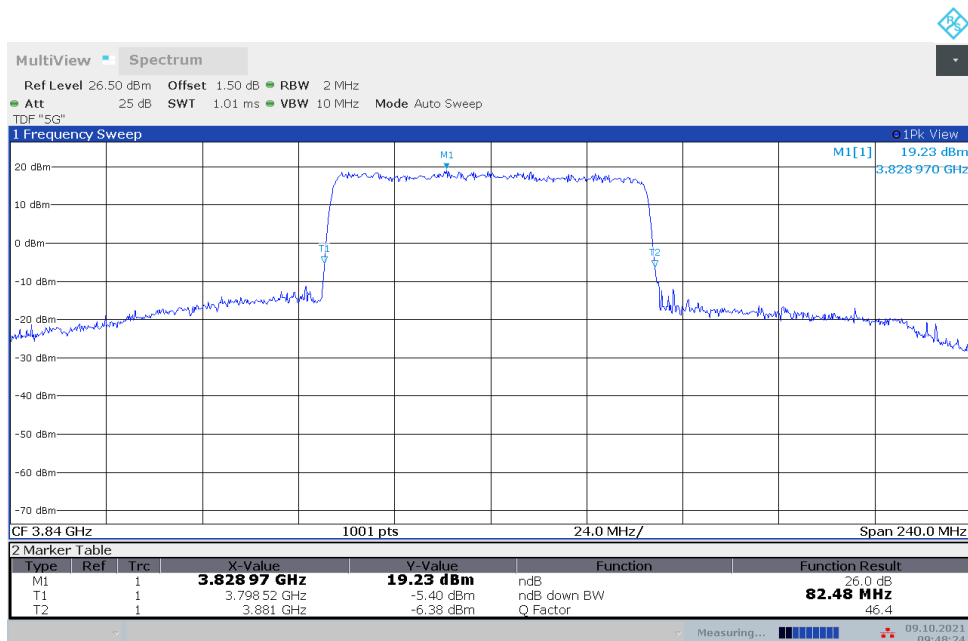
Date:9.OCT.2021 09:48:25

n77H,90MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	91.170	91.170

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

Date: 9 OCT 2021 09:49:12

n77H,90MHz Bandwidth,DFT-s-QPSK (-26dBc BW)
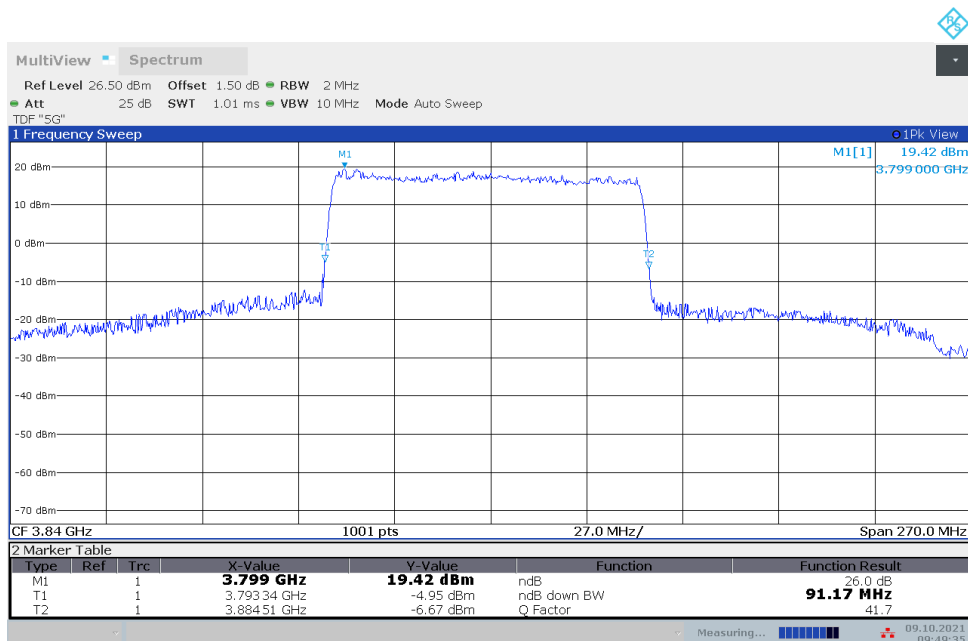
Date: 9 OCT 2021 09:49:36

n77H,100MHz(-26dBc)

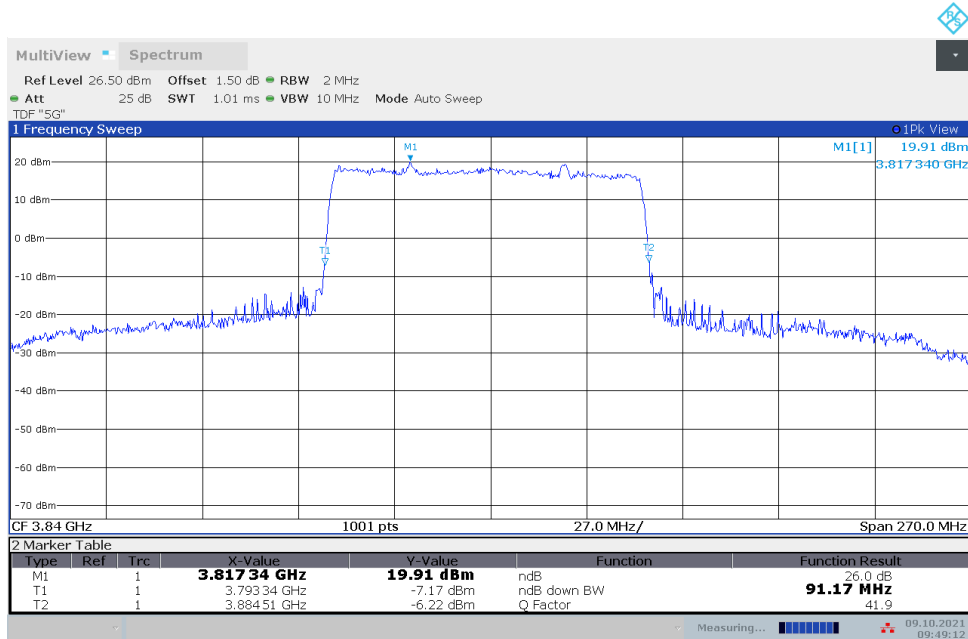| Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	101.600	102.200

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

Date: 9.OCT.2021 09:50:21

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

Date: 9.OCT.2021 09:50:45

A.6 Band Edge Compliance
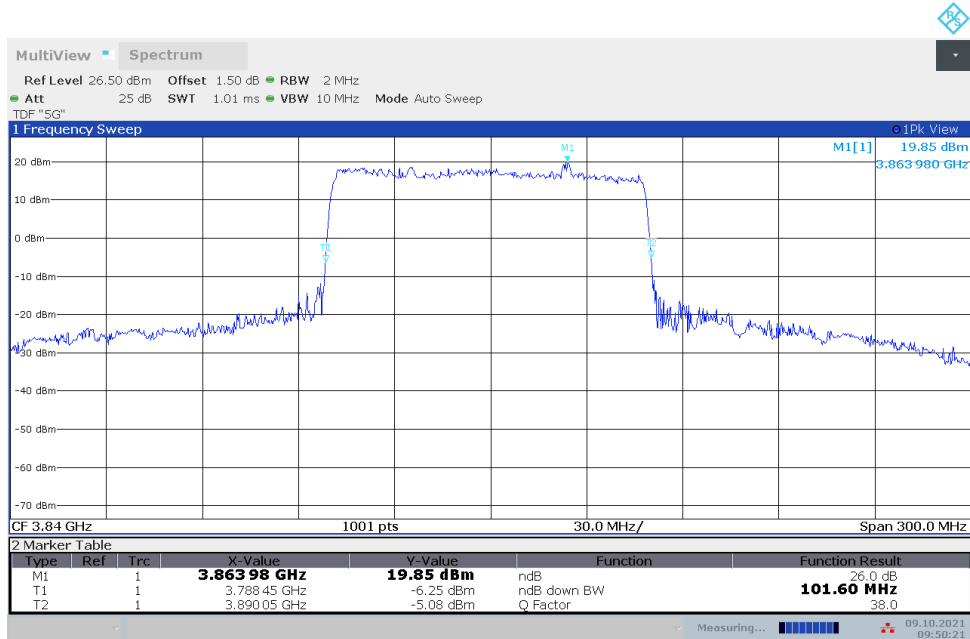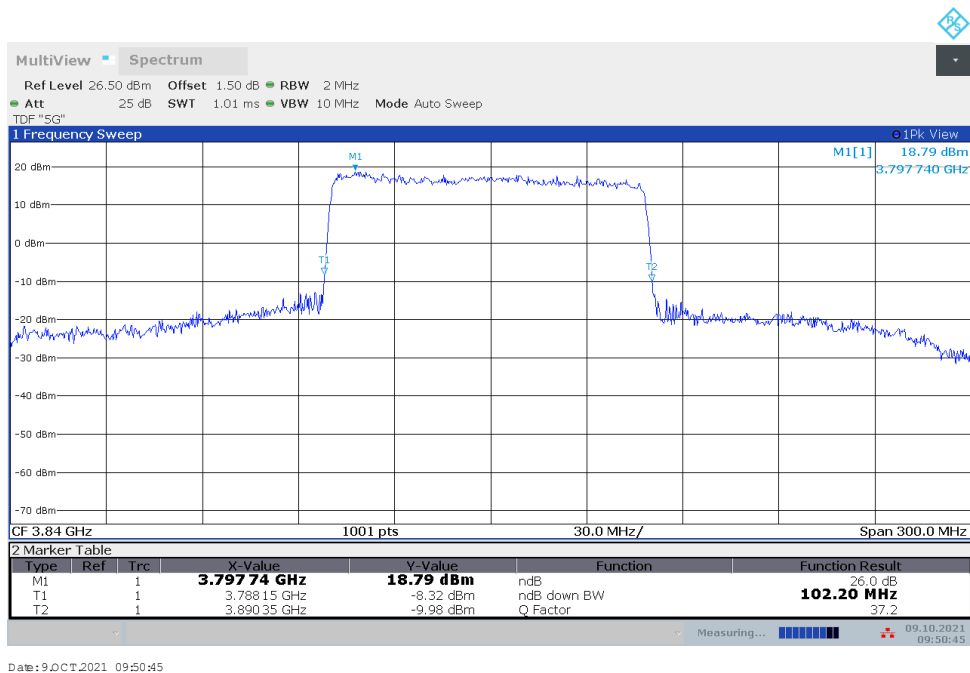
A.6.1 Measurement limit

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 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(h) for operations in the 1695–1710 MHz, 1710–1755 MHz, 1755–1780 MHz, 1915–1920 MHz, 1995–2000 MHz, 2000–2020 MHz, 2110–2155 MHz, 2155–2180 MHz, and 2180–2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log10 (P) dB. Compliance with this provision 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. 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.
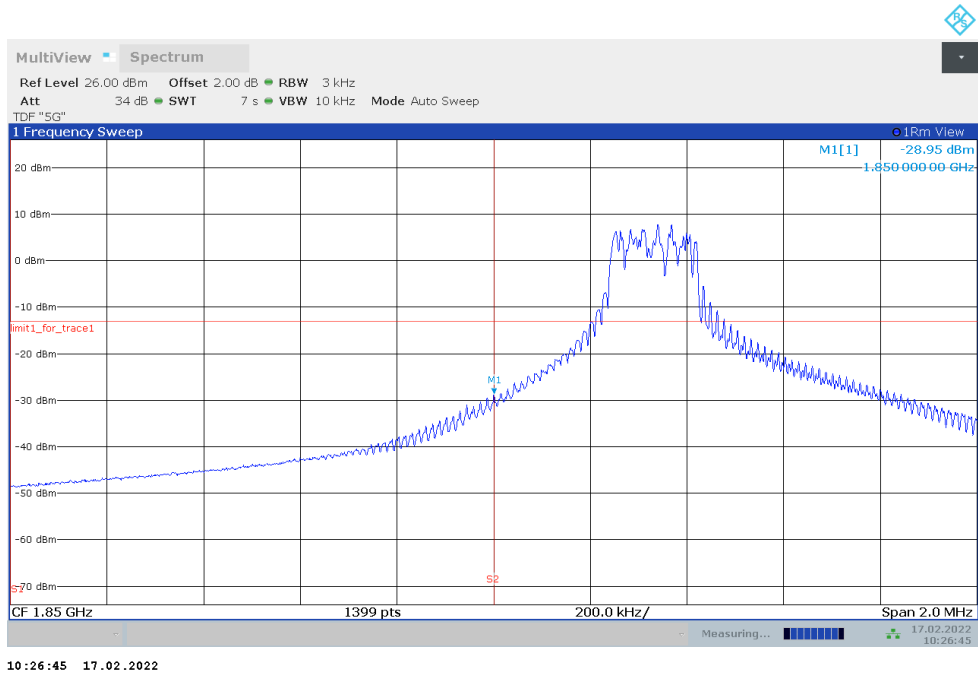
A.6.2 Measurement result
LTE Band 12+NR n2
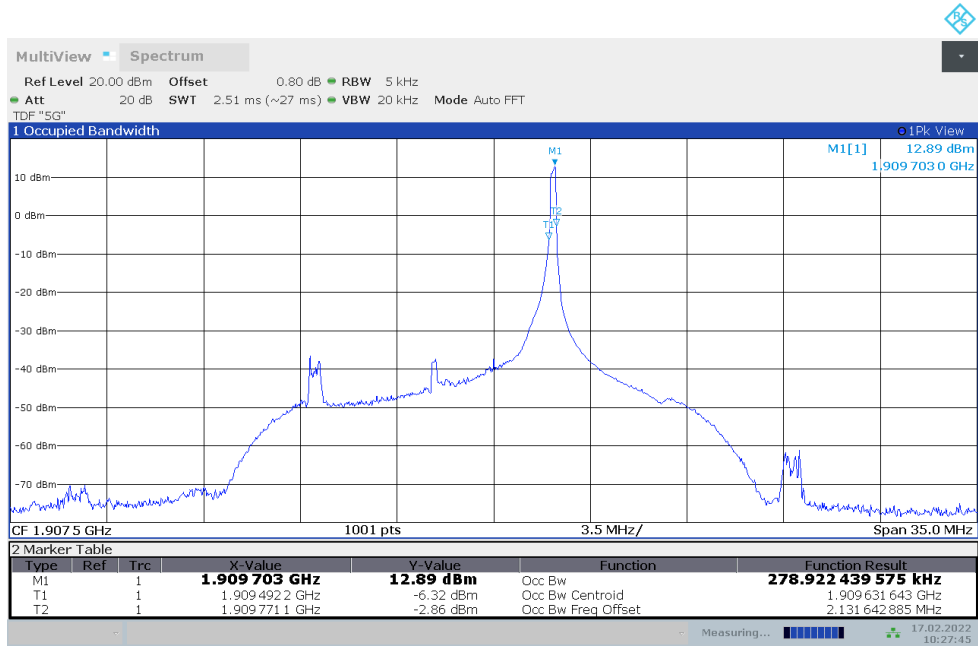## OBW: 1RB-LOW_offset

10:26:08 17.02.2022

LOW BAND EDGE BLOCK-1RB-LOW_offset
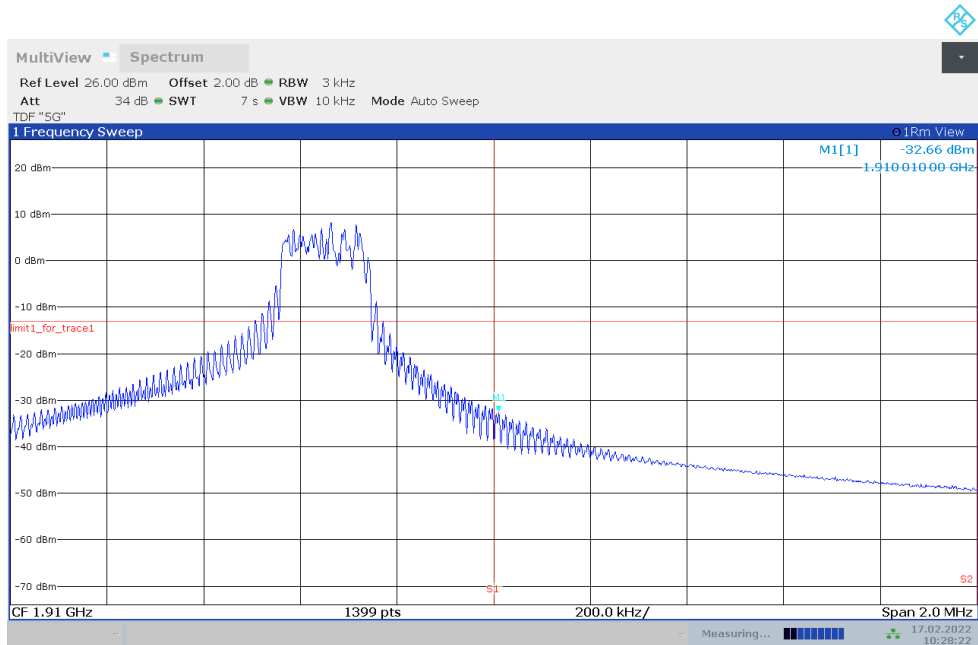

10:26:45 17.02.2022

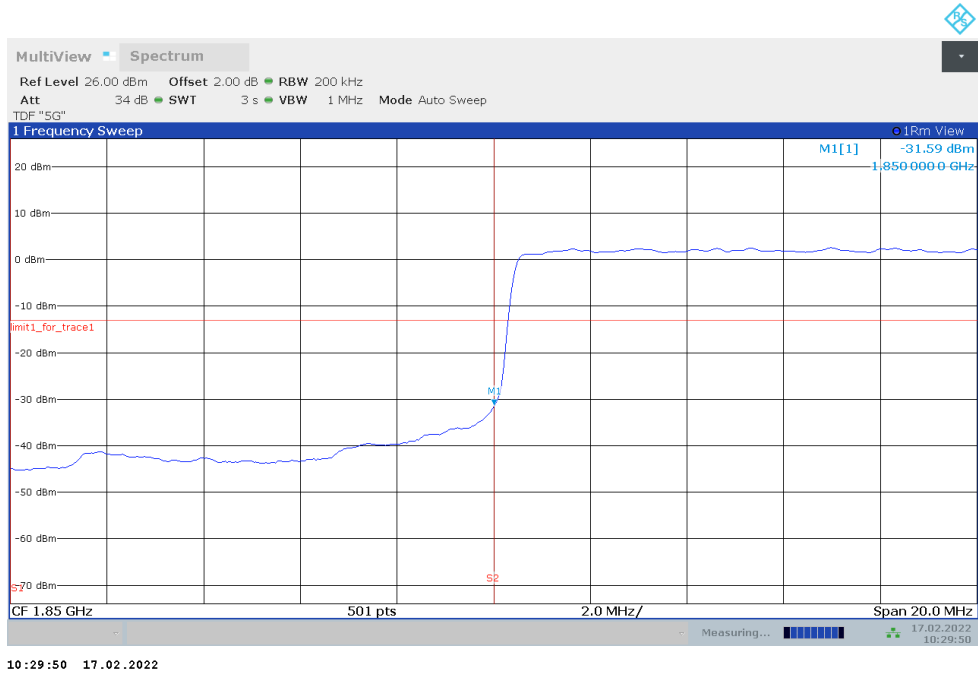Page 452 of 496
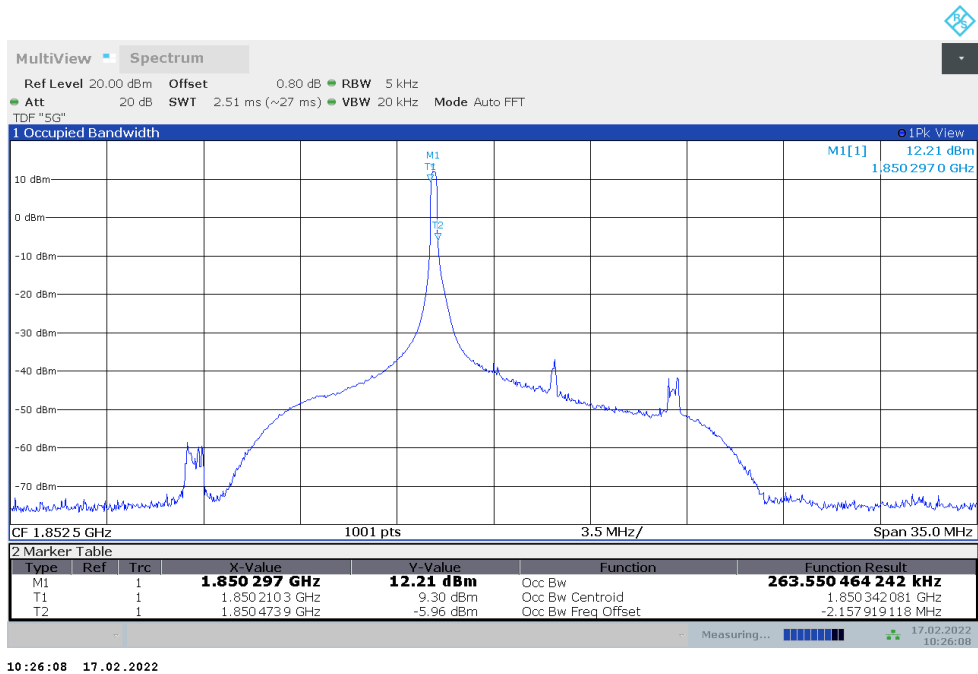
OBW: 1RB-HIGH_offset

10:27:45 17.02.2022

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

10:28:22 17.02.2022
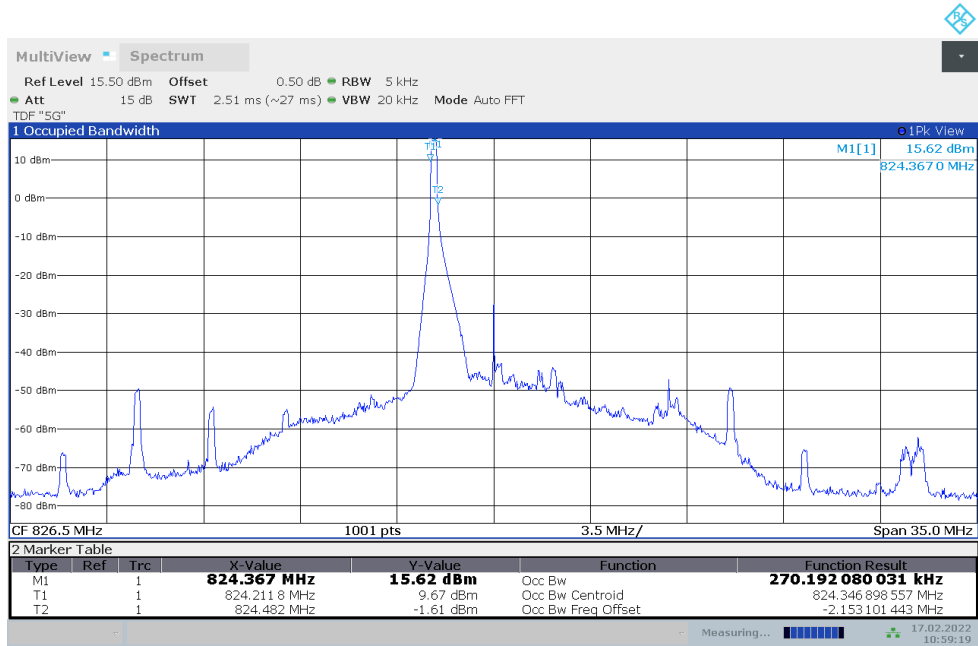
LOW BAND EDGE BLOCK-20M-100%RB

10:29:50 17.02.2022

HIGH BAND EDGE BLOCK-20M-100%RB
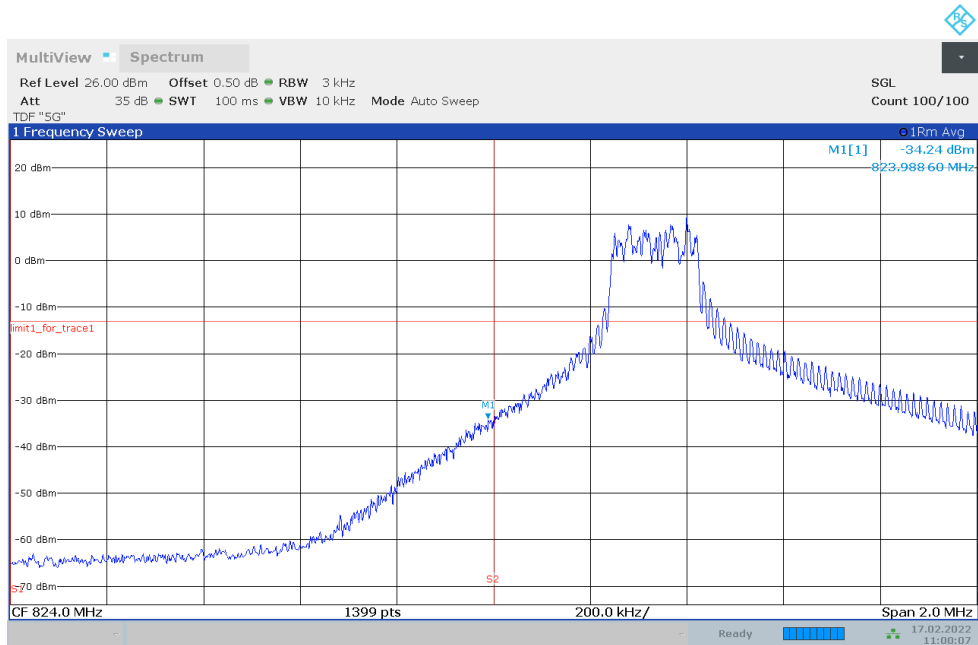

10:31:15 17.02.2022
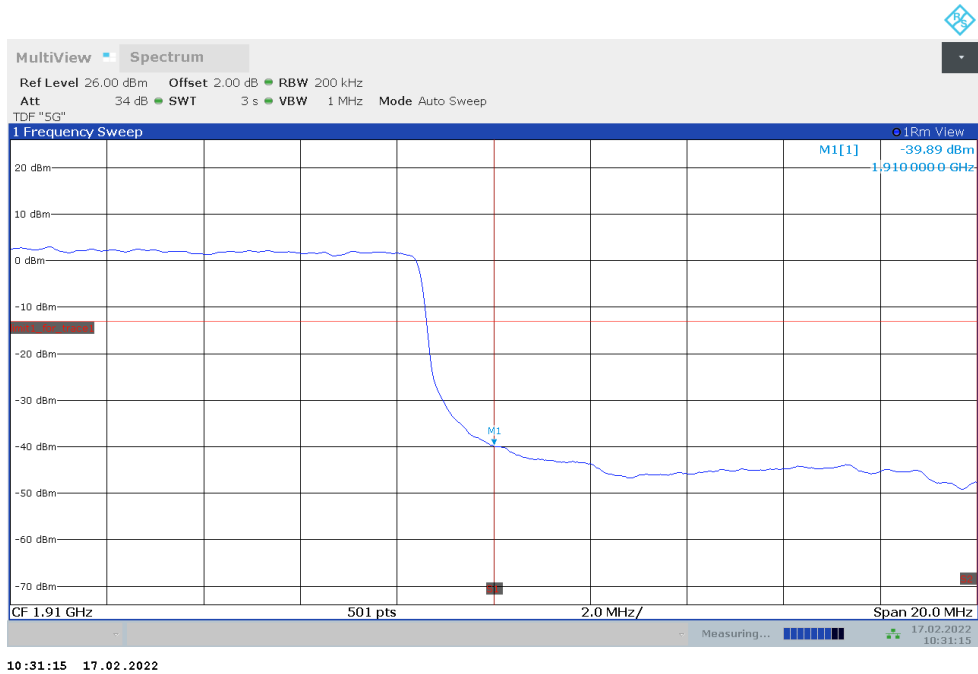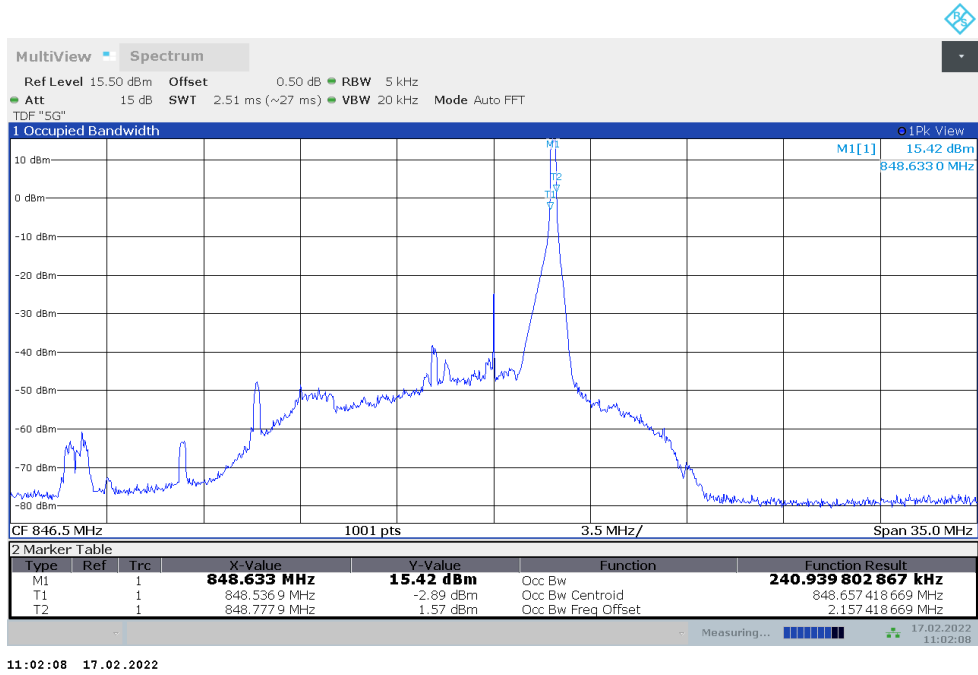
NR n5

OBW: 1RB-LOW_offset

10:59:20 17.02.2022

LOW BAND EDGE BLOCK-1RB-LOW_offset

11:00:08 17.02.2022

OBW: 1RB-HIGH_offset

MultiView ■ Spectrum

Ref Level 15.50 dBm   Offset   0.50 dB ● RBW 5 kHz
● Att   15 dB   SWT   2.51 ms (~27 ms) ● VBW 20 kHz   Mode Auto FFT
TDF "5G"

1 Occupied Bandwidth   ●1Pk View

M1[1]   15.42 dBm
848.633 0 MHz

CF 846.5 MHz   1001 pts   3.5 MHz/   Span 35.0 MHz

2 Marker Table

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1		1	**848.633 MHz**	**15.42 dBm**	Occ Bw	**240.939 802 867 kHz**
T1		1	848.536 9 MHz	-2.89 dBm	Occ Bw Centroid	848.657 418 669 MHz
T2		1	848.777 9 MHz	1.57 dBm	Occ Bw Freq Offset	2.157 418 669 MHz

Measuring... ■■■■■■■   17.02.2022 11:02:08

11:02:08 17.02.2022

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

MultiView ■ Spectrum

Ref Level 26.00 dBm   Offset 0.50 dB ● RBW 3 kHz   SGL
Att   35 dB ● SWT   100 ms ● VBW 10 kHz   Mode Auto Sweep   Count 100/100
TDF "5G"

1 Frequency Sweep   ●1Rm Avg

M1[1]   -32.14 dBm
849.007 10 MHz

limit1_for_trace1

M1

CF 849.0 MHz   1399 pts   200.0 kHz/   Span 2.0 MHz

Ready ■■■■■■■   17.02.2022 11:02:55

11:02:56 17.02.2022

LOW BAND EDGE BLOCK-20M-100%RB

11:04:10 17.02.2022

HIGH BAND EDGE BLOCK-20M-100%RB
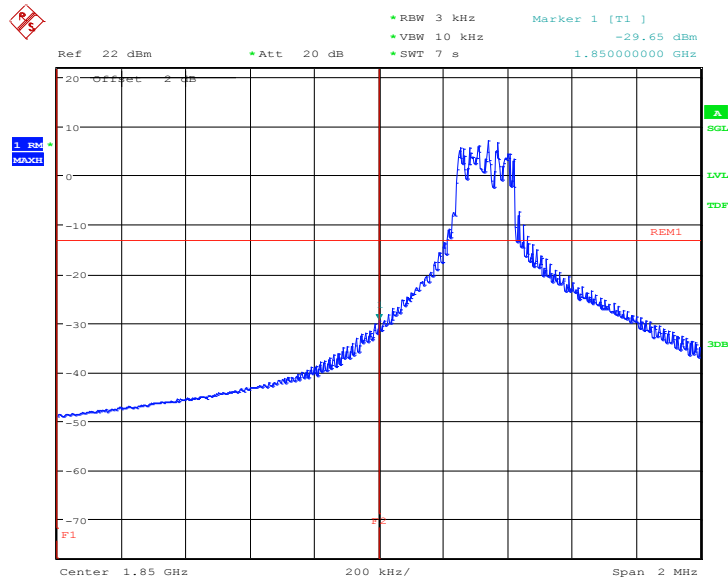

11:05:16 17.02.2022

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LTE Band 12+NR n25

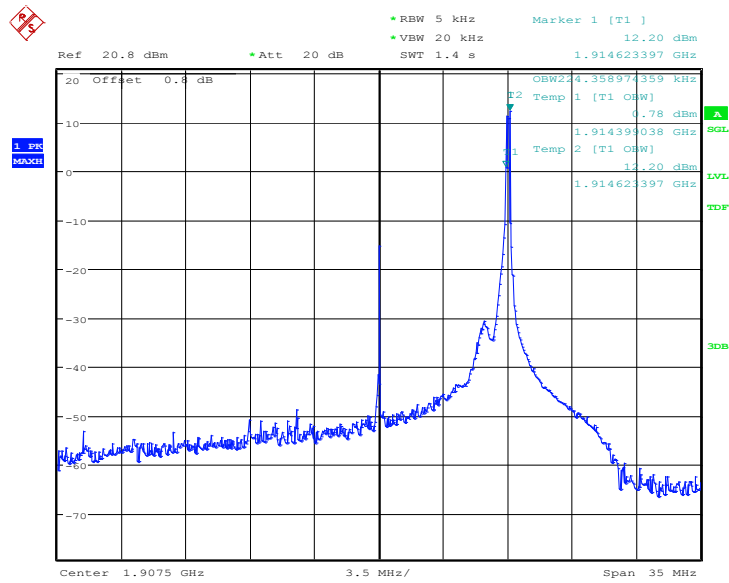**OBW: 1RB-LOW_offset**
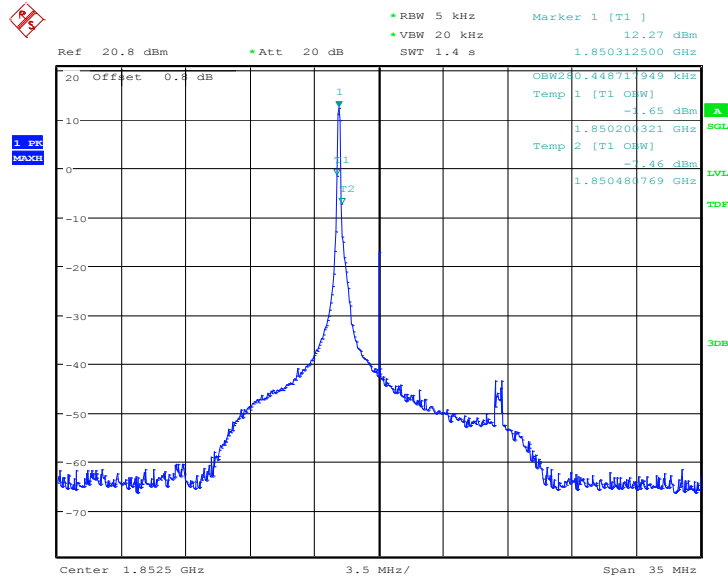
Date: 29.OCT.2021 19:53:22

LOW BAND EDGE BLOCK-1RB-LOW_offset

Date: 29.OCT.2021 19:53:41
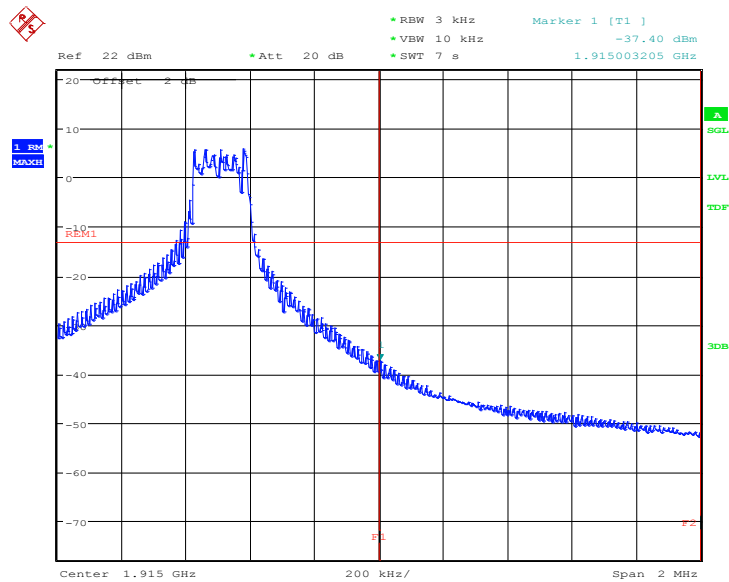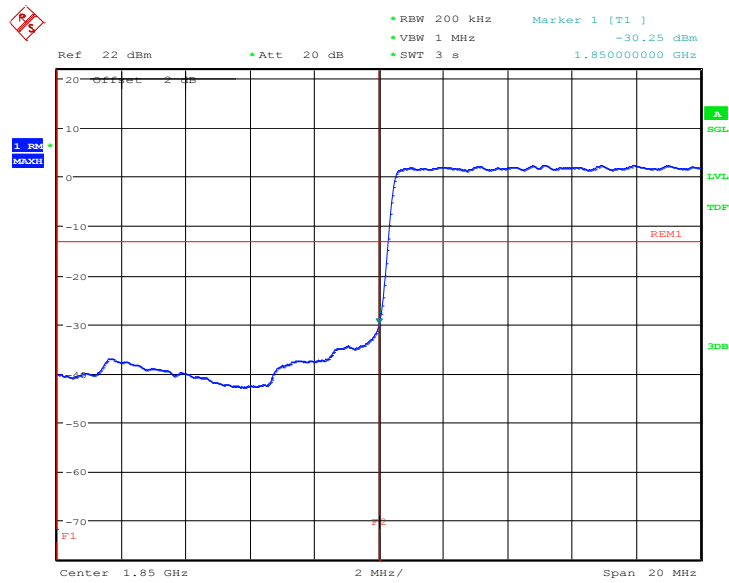
OBW: 1RB-HIGH_offset

Date: 29.OCT.2021 19:55:11
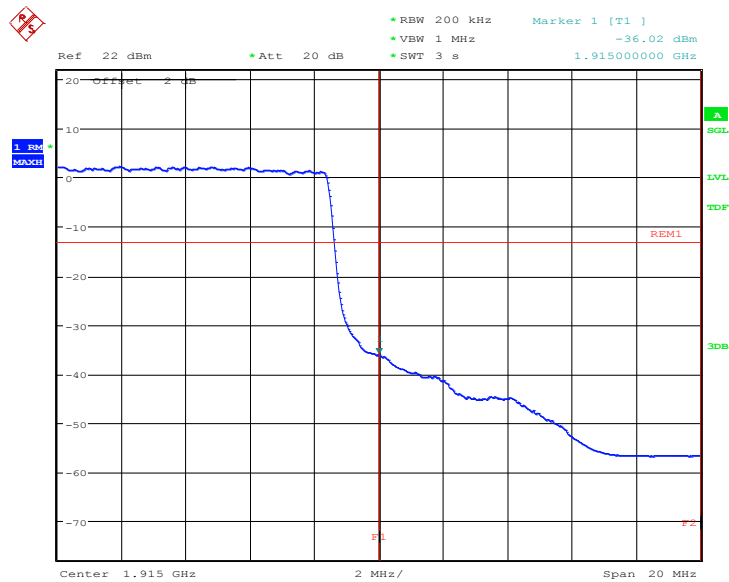
HIGH BAND EDGE BLOCK-1RB-HIGH_offset

Date: 29.OCT.2021 19:55:31

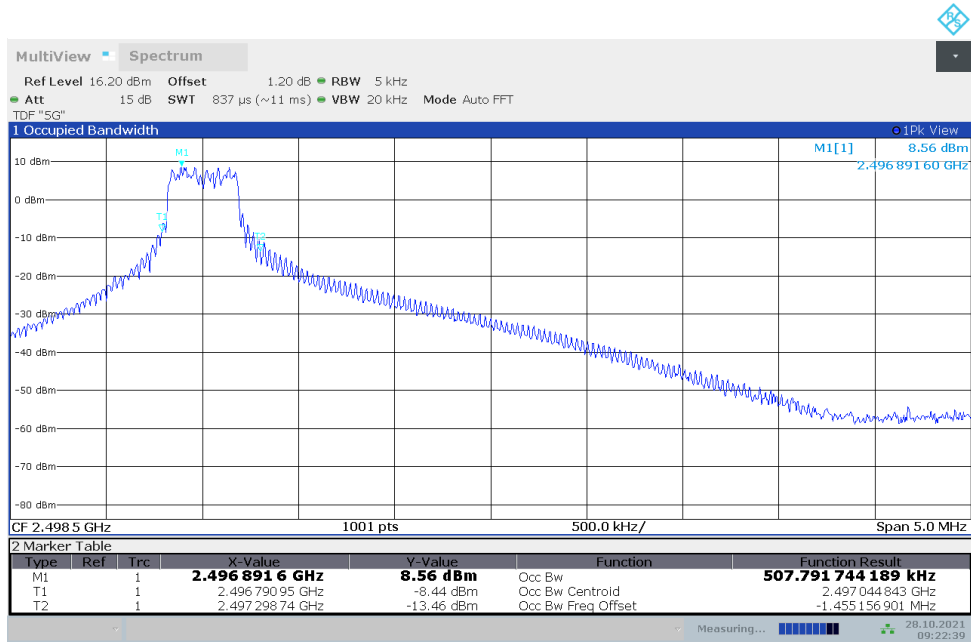## LOW BAND EDGE BLOCK-20M-100%RB

Date: 29.OCT.2021 19:57:12

HIGH BAND EDGE BLOCK-20M-100%RB

Date: 29.OCT.2021 19:58:46
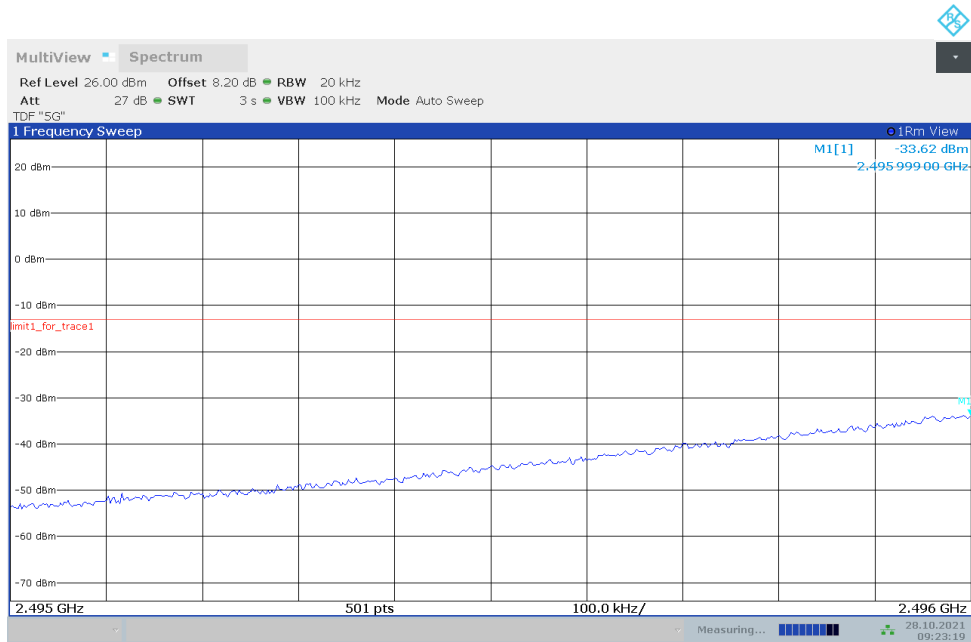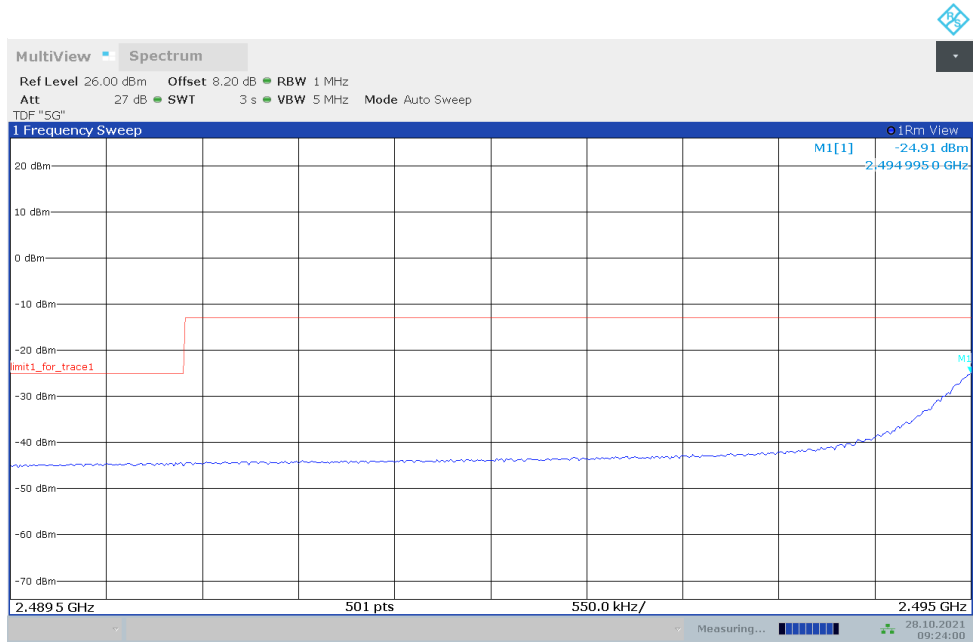
NR n41

OBW: 1RB-LOW_offset

MultiView ■ Spectrum

Ref Level 16.20 dBm   Offset   1.20 dB ● RBW 5 kHz
● Att   15 dB   SWT 837 µs (~11 ms) ● VBW 20 kHz   Mode Auto FFT
TDF "5G"

1 Occupied Bandwidth   ●1Pk View

M1[1]   8.56 dBm
2.496 891 60 GHz

CF 2.498 5 GHz   1001 pts   500.0 kHz/   Span 5.0 MHz

2 Marker Table

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1		1	**2.496 891 6 GHz**	**8.56 dBm**	Occ Bw	**507.791 744 189 kHz**
T1		1	2.496 790 95 GHz	-8.44 dBm	Occ Bw Centroid	2.497 044 843 GHz
T2		1	2.497 298 74 GHz	-13.46 dBm	Occ Bw Freq Offset	-1.455 156 901 MHz

Measuring...   28.10.2021 09:22:39

Date:28.OCT.2021 09:22:39

LOW BAND EDGE BLOCK-1RB-LOW_offset

MultiView ■ Spectrum

Ref Level 26.00 dBm   Offset 8.20 dB ● RBW 20 kHz
Att   27 dB   SWT   3 s ● VBW 100 kHz   Mode Auto Sweep
TDF "5G"

1 Frequency Sweep   ●1Rm View

M1[1]   -33.62 dBm
2.495 999 00 GHz

limit1_for_trace1

2.495 GHz   501 pts   100.0 kHz/   2.496 GHz
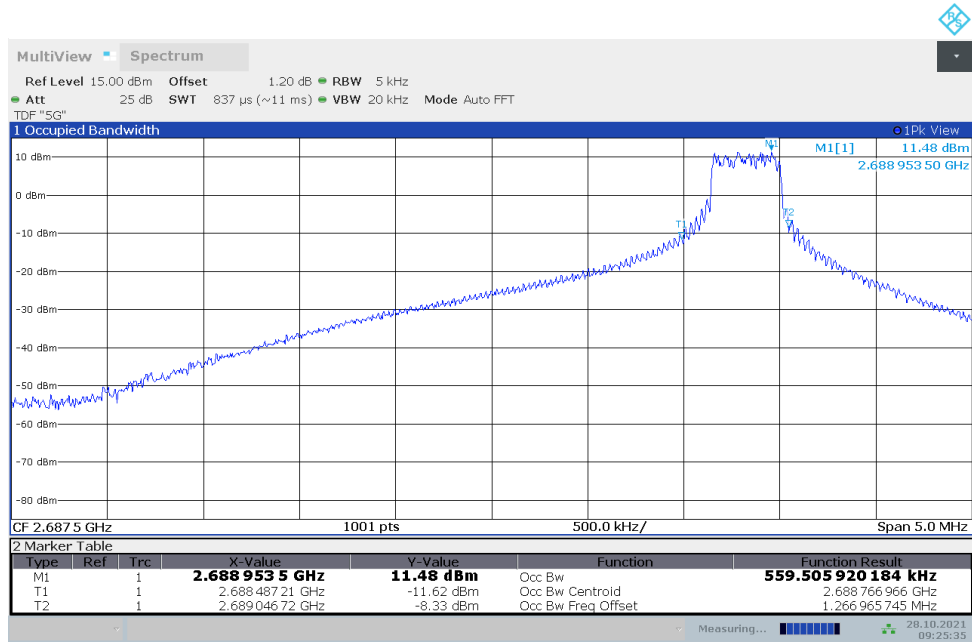
Measuring...   28.10.2021 09:23:19

Date:28.OCT.2021 09:23:20
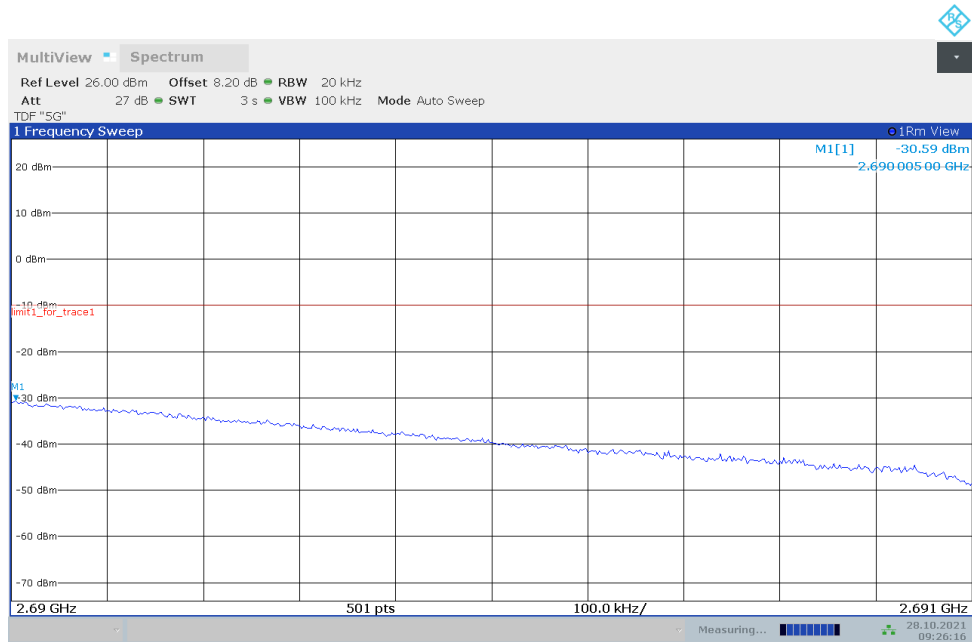
LOW BAND EDGE BLOCK-1RB-LOW_offset

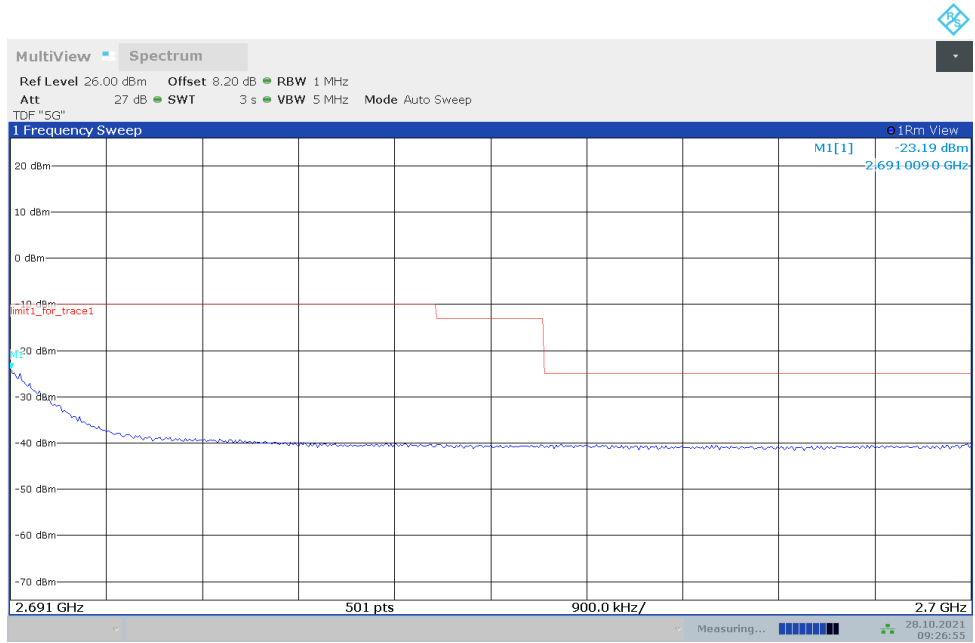

Date:28 OCT 2021 09:24:00

OBW: 1RB-HIGH_offset

Date:28.OCT.2021 09:25:35

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

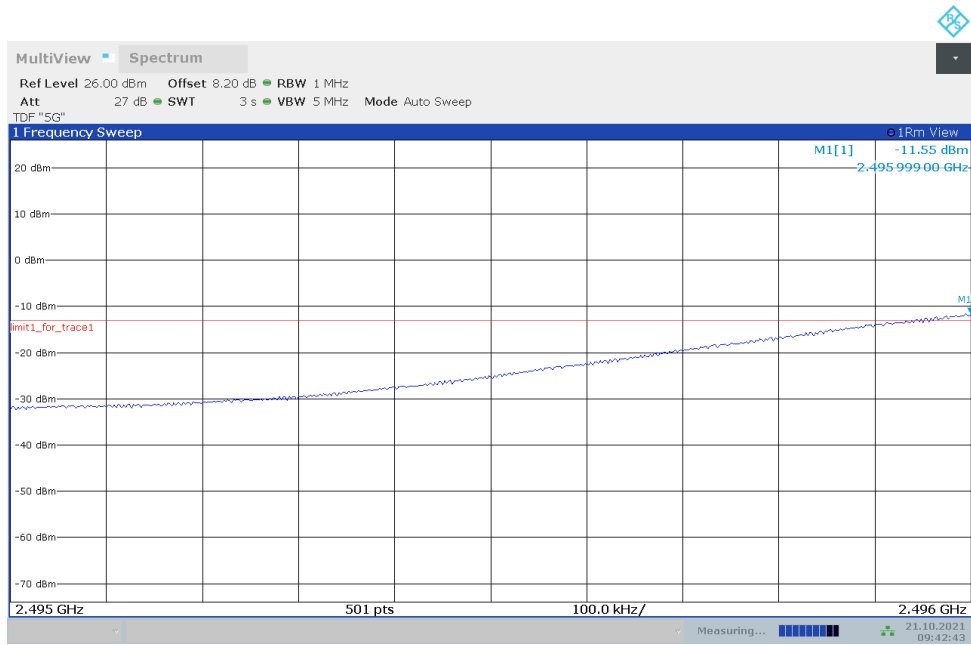Date:28.OCT.2021 09:26:16
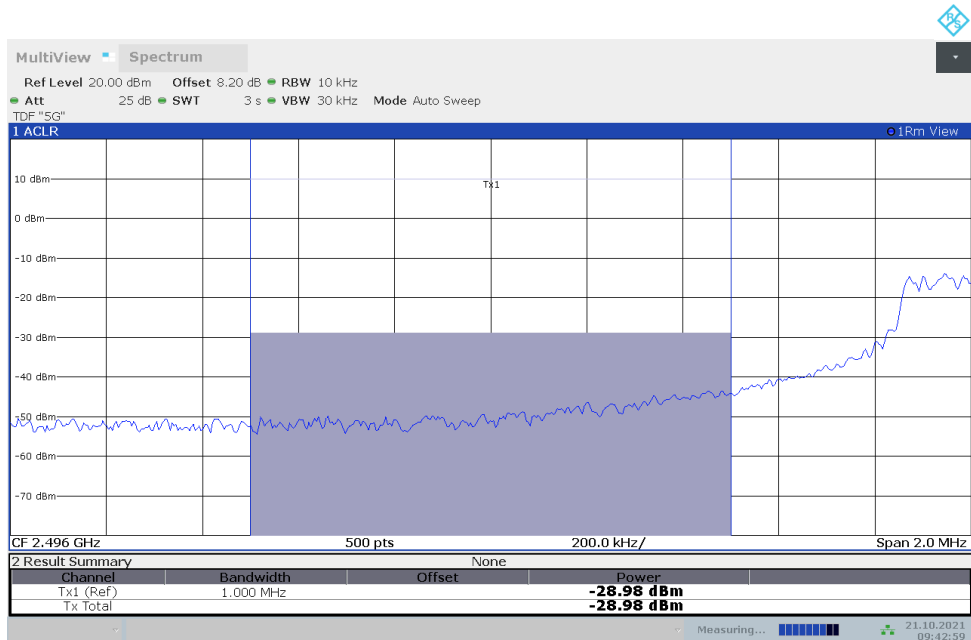
HIGH BAND EDGE BLOCK-1RB-HIGH_offset

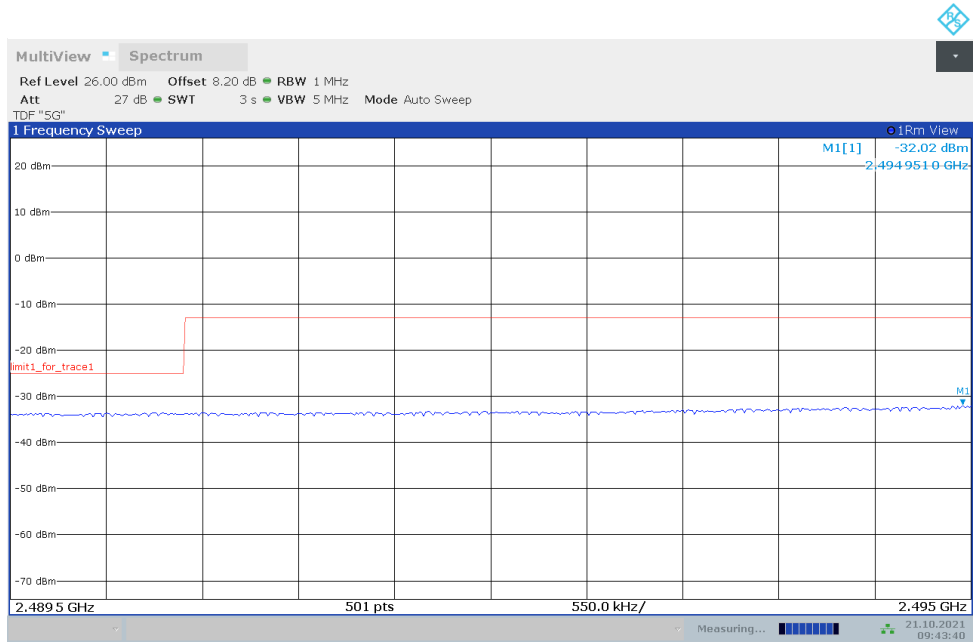Date:28.OCT.2021 09:26:56

LOW BAND EDGE BLOCK-100M-100%RB

Date:21.OCT.2021 09:42:43

Channal Power

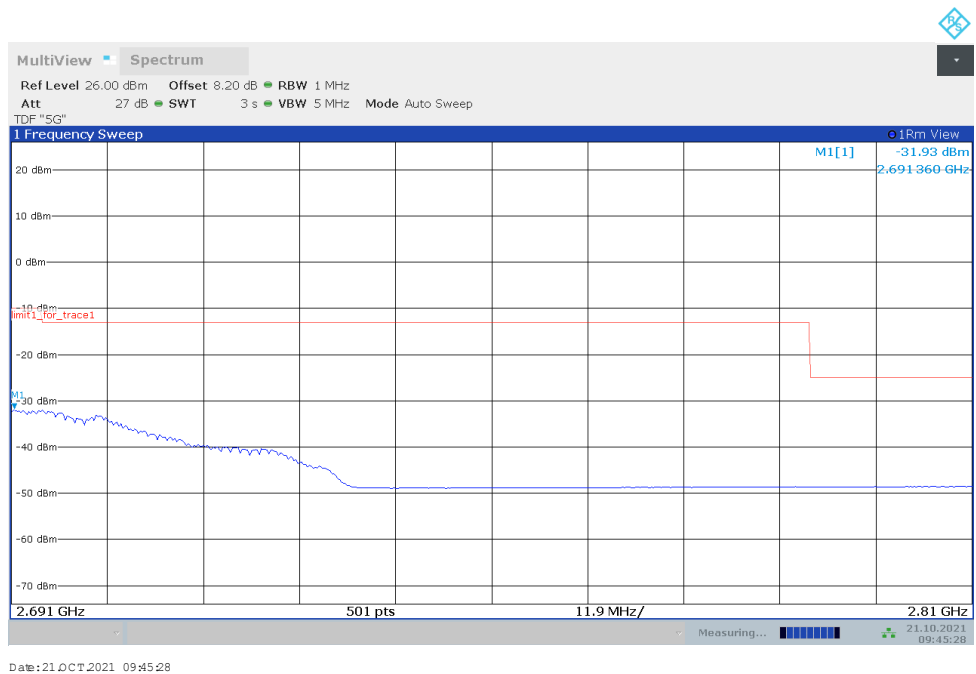Date:21.OCT.2021 09:43:00

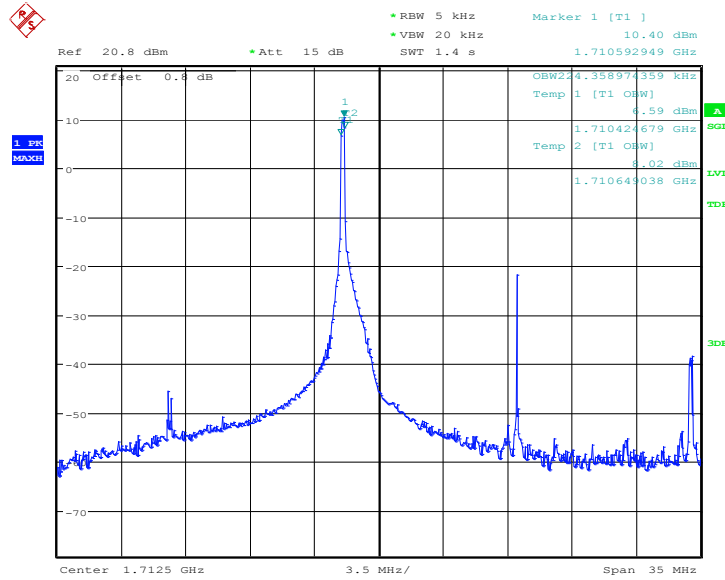## LOW BAND EDGE BLOCK-100M-100%RB

Date:21.OCT.2021 09:43:40

HIGH BAND EDGE BLOCK-100M-100%RB

Date:21.OCT.2021 09:44:48

HIGH BAND EDGE BLOCK-100M-100%RB
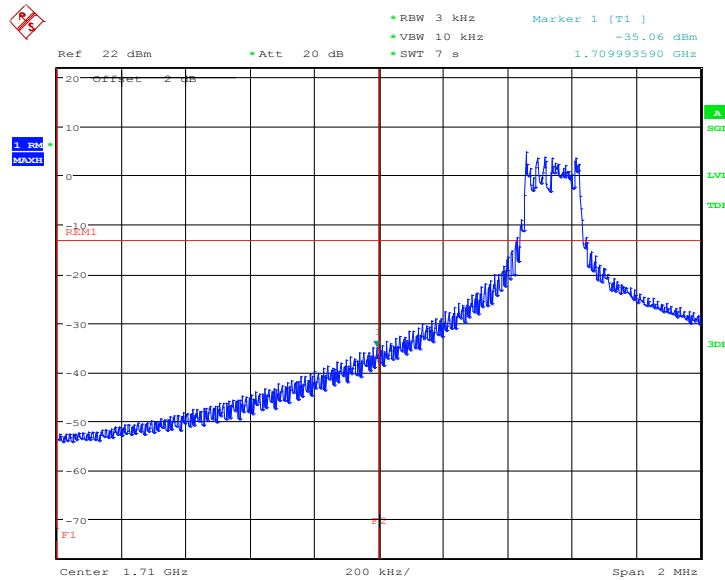

Date:21.OCT.2021 09:45:28

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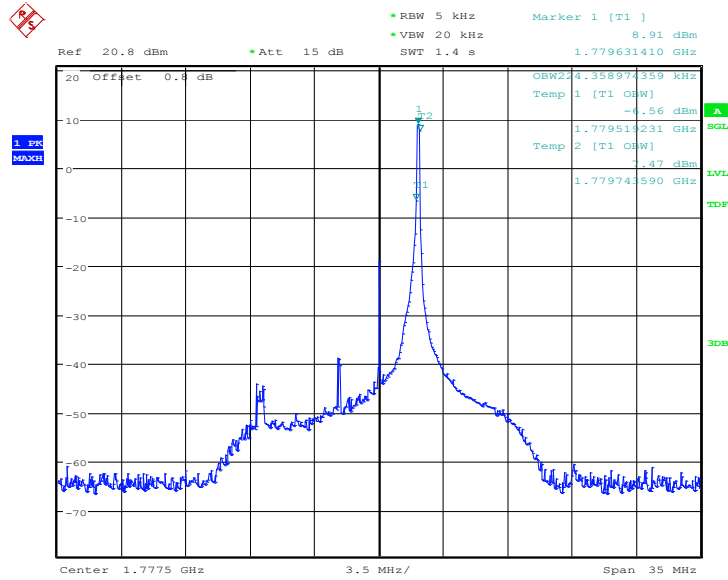**LTE Band 12+NR n66**

OBW: 1RB-LOW_offset

Date: 30.OCT.2021 08:12:56
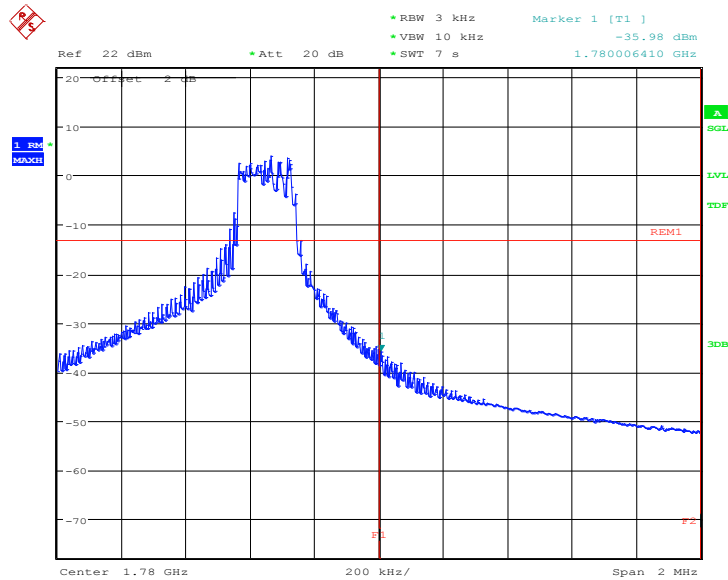
LOW BAND EDGE BLOCK-1RB-LOW_offset

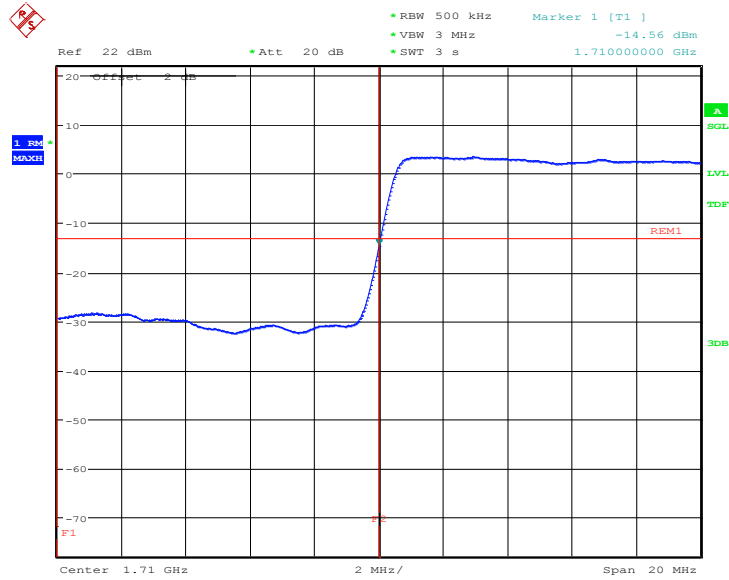Date: 30.OCT.2021 08:13:16

OBW: 1RB-HIGH_offset

Date: 30.OCT.2021 08:14:39
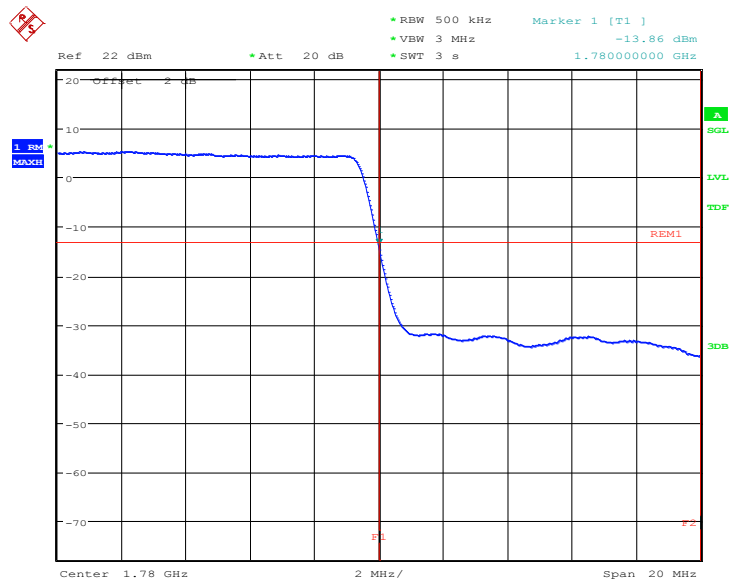
HIGH BAND EDGE BLOCK-1RB-HIGH_offset

Date: 30.OCT.2021 08:14:58

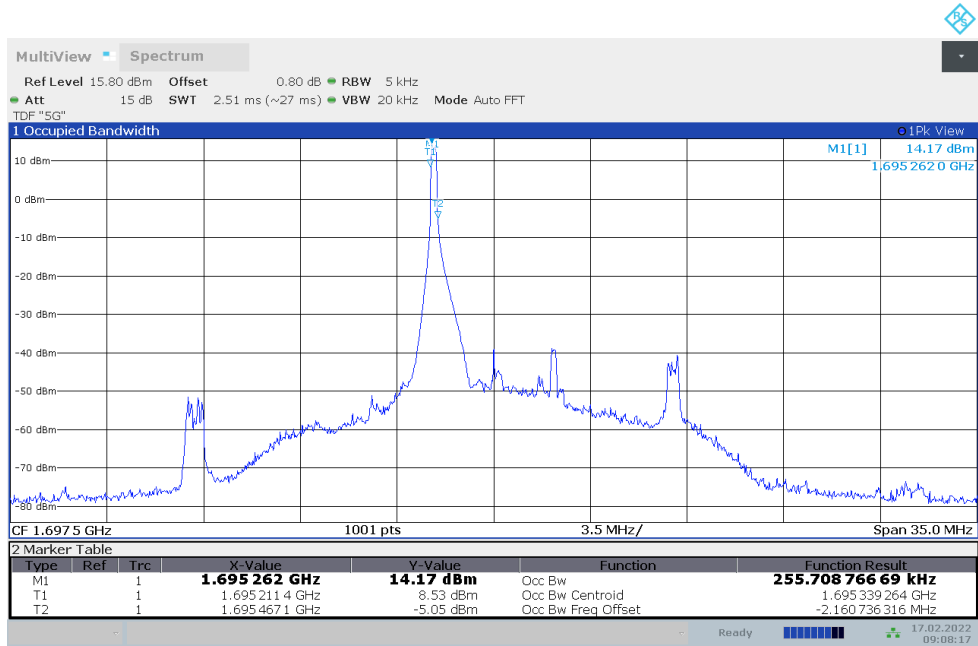## LOW BAND EDGE BLOCK-40M-100%RB

Date: 30.OCT.2021 08:16:42

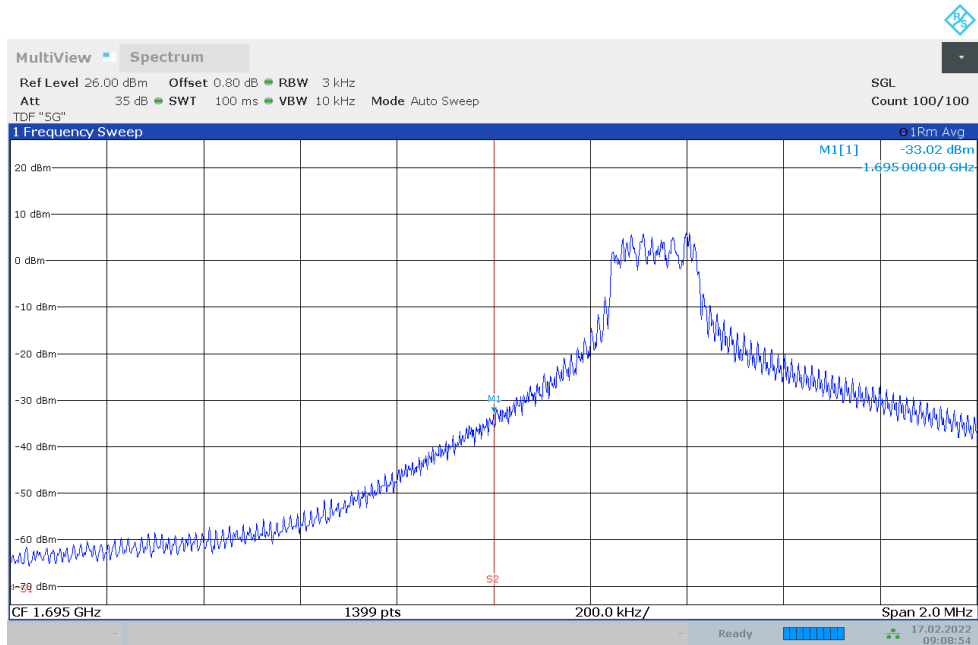## HIGH BAND EDGE BLOCK-40M-100%RB

Date: 30.OCT.2021 08:18:21
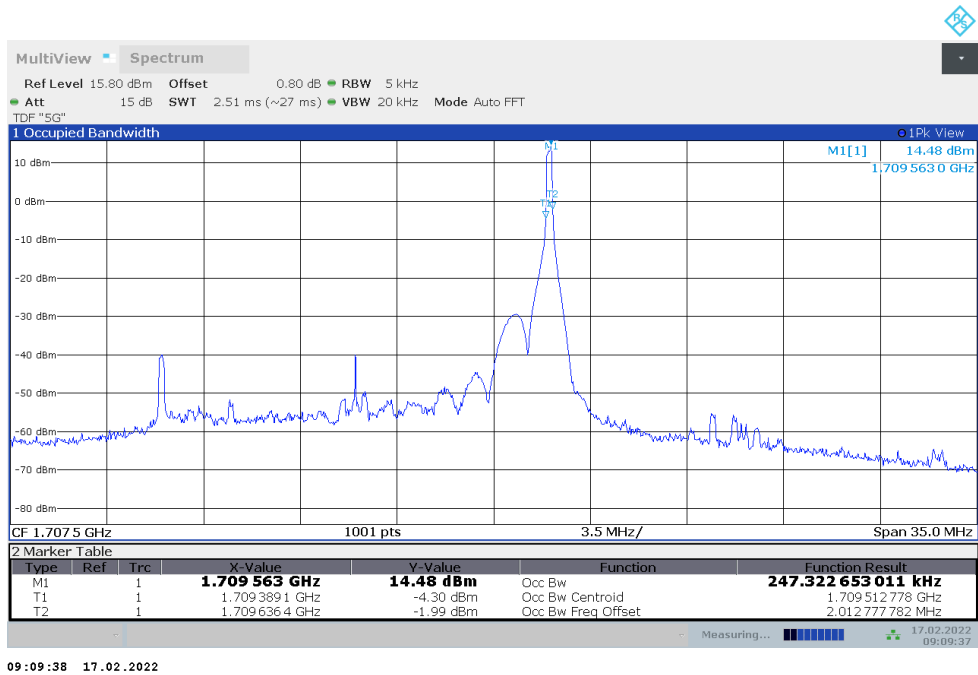
NR n70
OBW: 1RB-LOW_offset

09:08:17 17.02.2022

LOW BAND EDGE BLOCK-1RB-LOW_offset

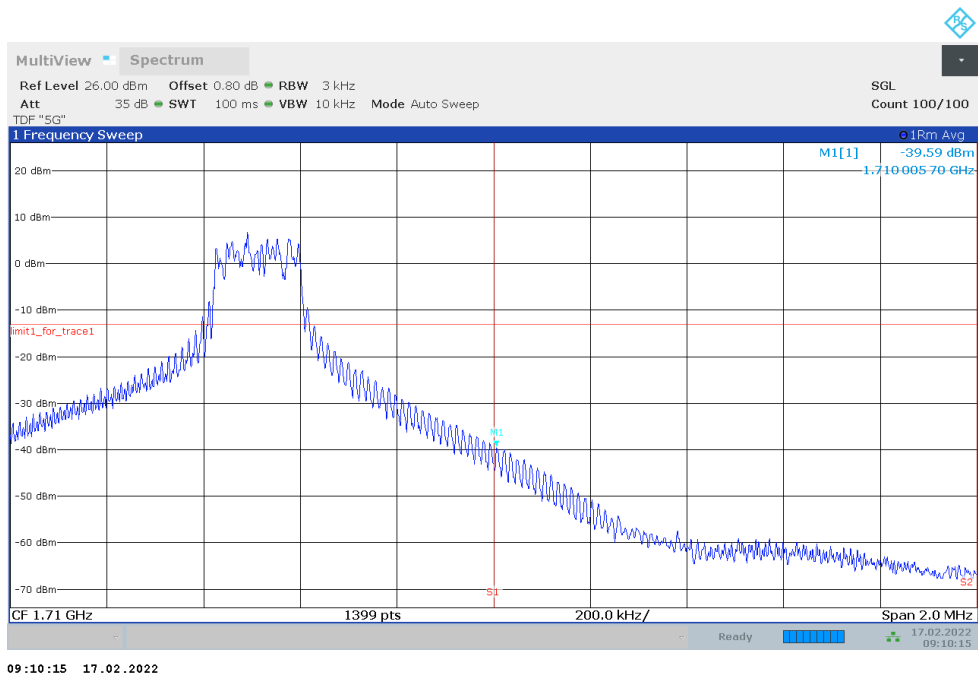09:08:55 17.02.2022

OBW: 1RB-HIGH_offset

09:09:38 17.02.2022

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

09:10:15 17.02.2022

LOW BAND EDGE BLOCK-15M-100%RB

11:08:20 03.02.2022
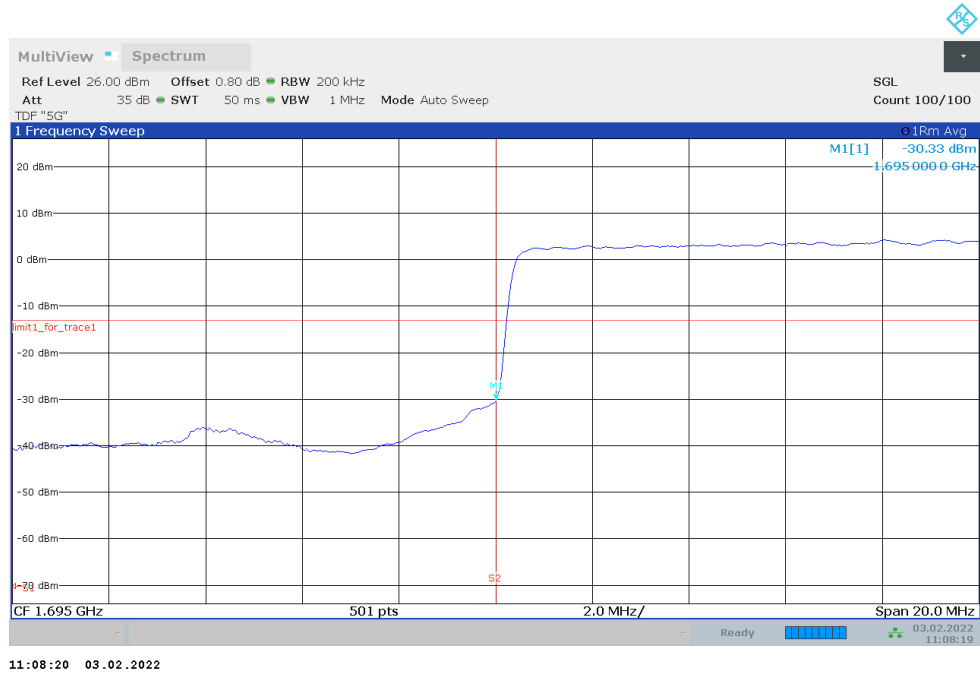
HIGH BAND EDGE BLOCK-15M-100%RB

11:09:01 03.02.2022
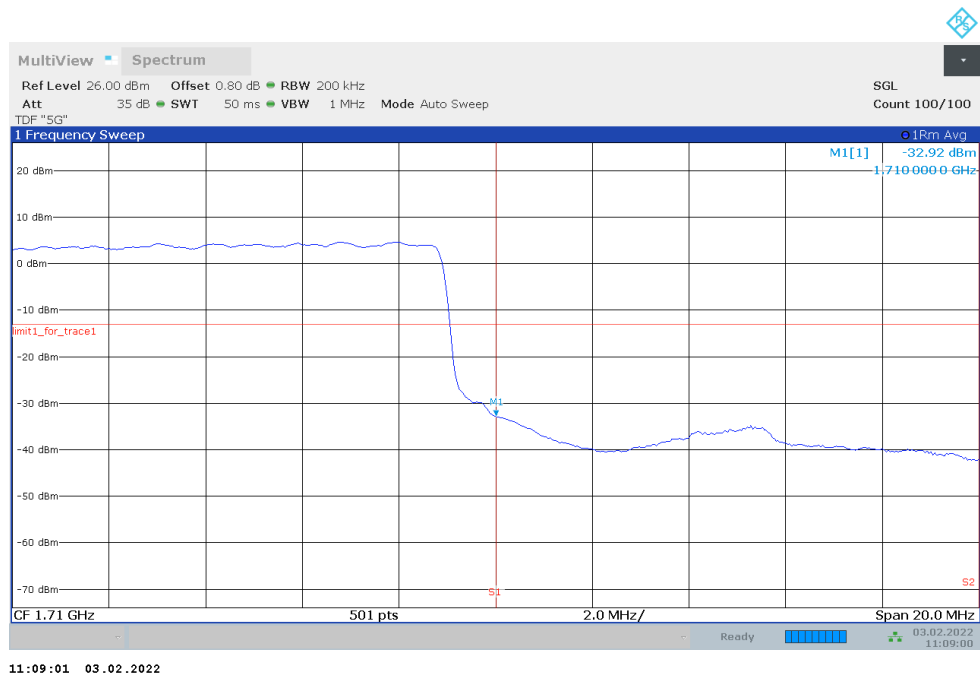
LTE Band 66+NR n71

OBW: 1RB-LOW_offset
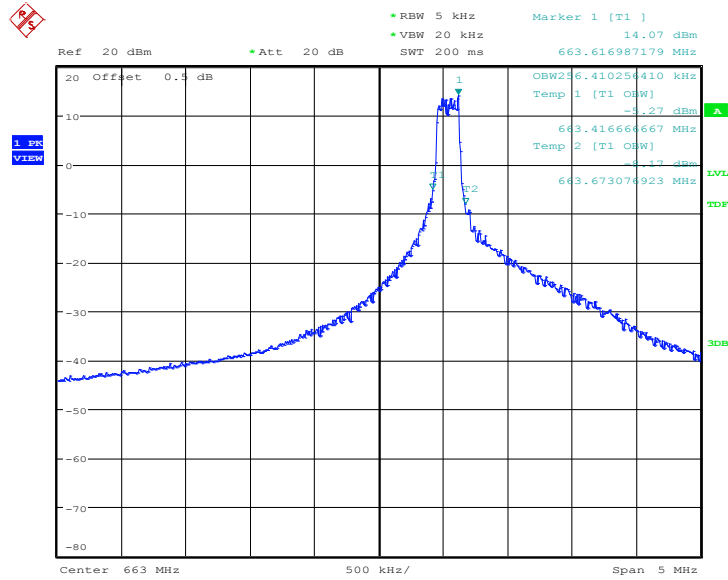
Date: 30.OCT.2021 08:42:26

LOW BAND EDGE BLOCK-1RB-LOW_offset
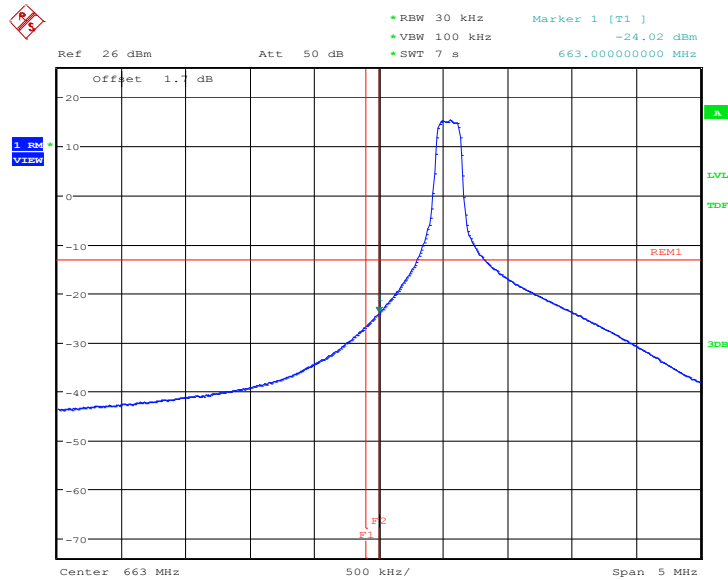
Date: 30.OCT.2021 08:43:06

OBW: 1RB-HIGH_offset

Date: 30.OCT.2021 08:51:12

HIGH BAND EDGE BLOCK-1RB-HIGH_offset
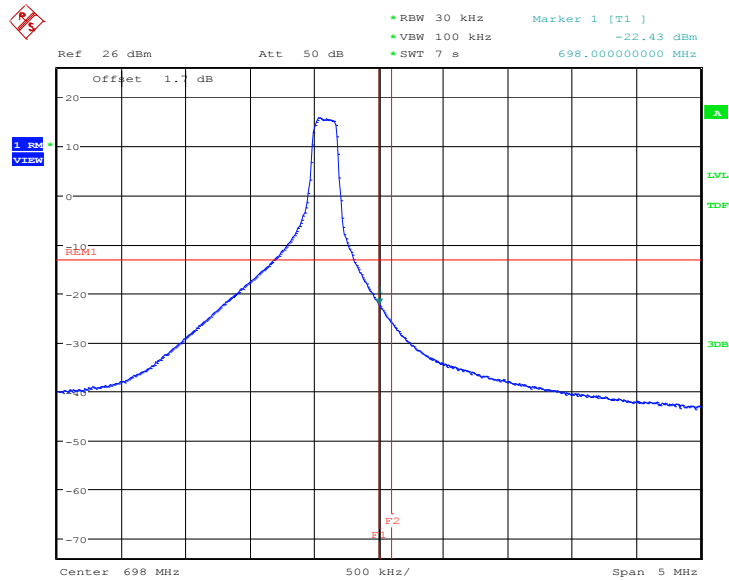
Date: 30.OCT.2021 08:57:33

LOW BAND EDGE BLOCK-20M-100%RB
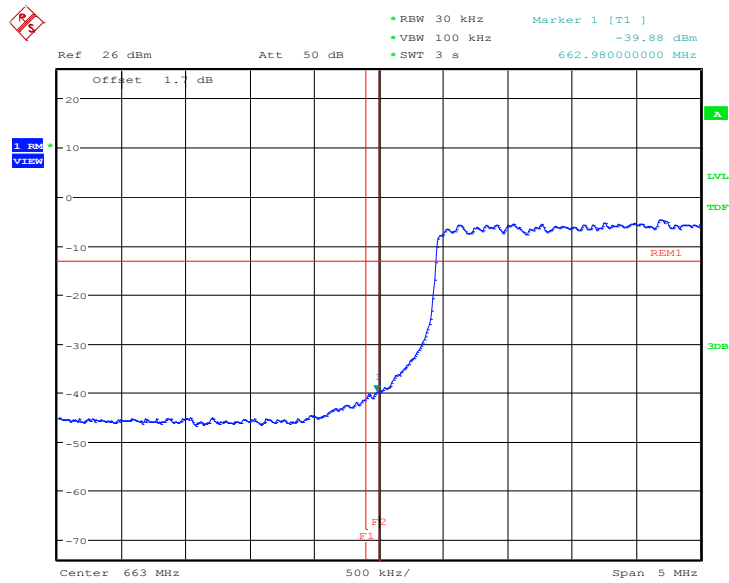
Date: 30.OCT.2021 08:38:27

HIGH BAND EDGE BLOCK-20M-100%RB
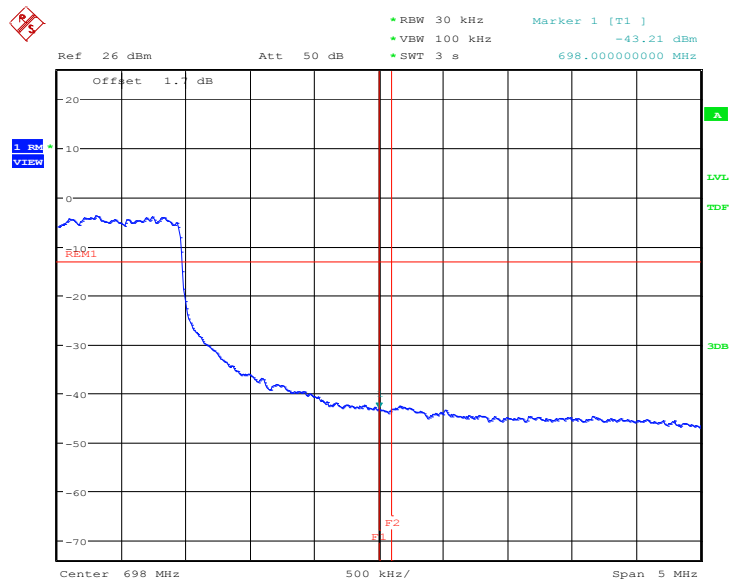
Date: 30.OCT.2021 08:40:25

NR n77L

OBW: 1RB-LOW_offset
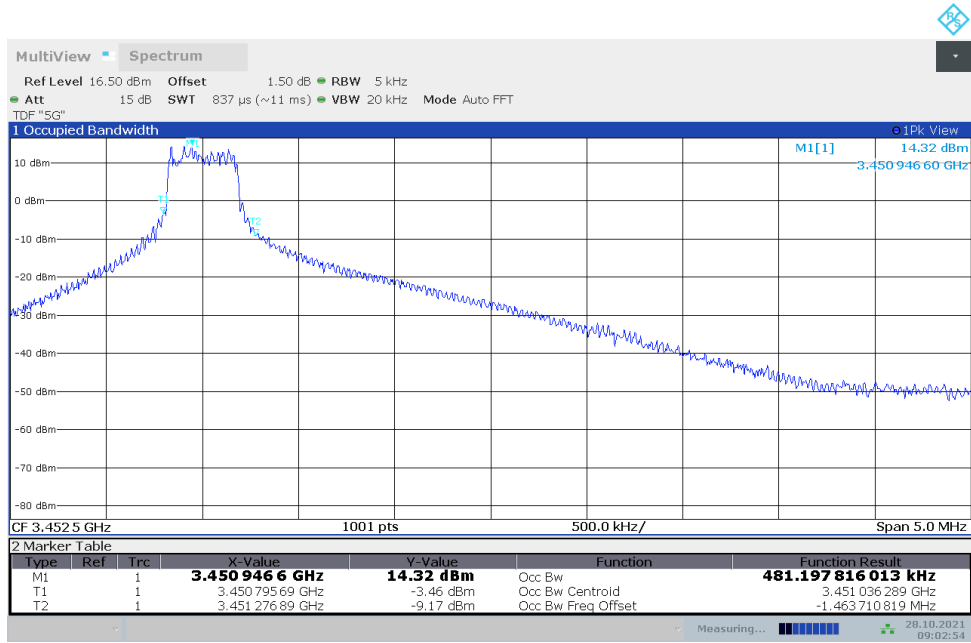
Date:28.OCT.2021 09:02:55

LOW BAND EDGE BLOCK-1RB-LOW_offset
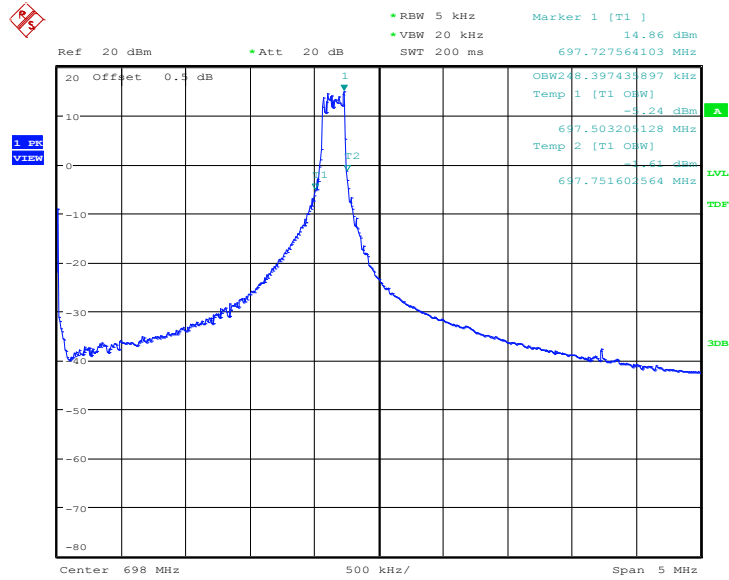

Date:28.OCT.2021 09:03:35

LOW BAND EDGE BLOCK-1RB-LOW_offset

Date:28.OCT.2021 09:04:13

OBW: 1RB-HIGH_offset
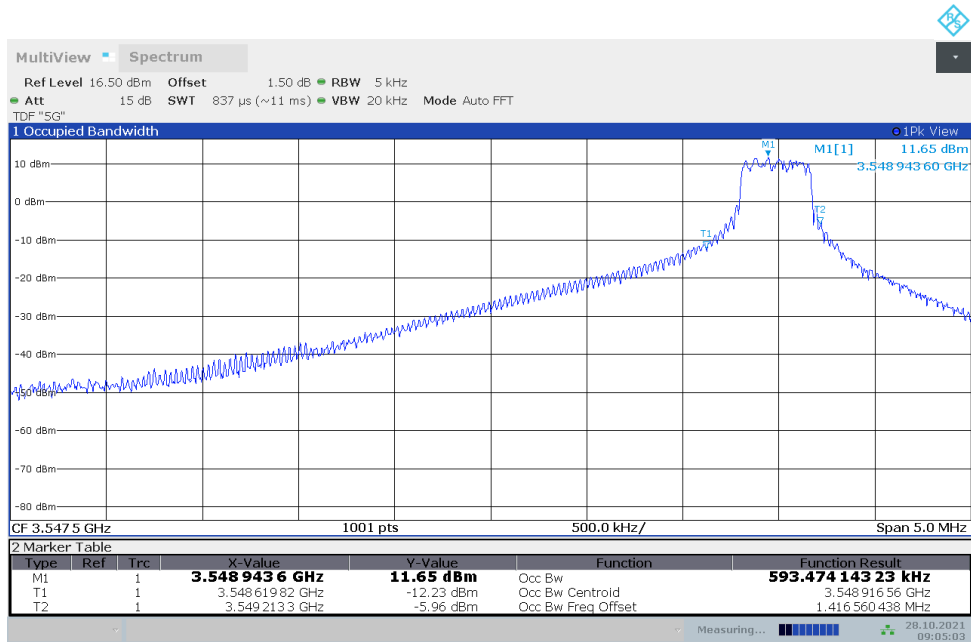
Date:28.OCT.2021 09:05:03

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

Date:28.OCT.2021 09:05:43

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

Date:28.OCT.2021 09:06:21

LOW BAND EDGE BLOCK-90M-100%RB

Date:9.OCT.2021 09:52:11

LOW BAND EDGE BLOCK-90M-100%RB

Date:9.OCT.2021 09:52:56

HIGH BAND EDGE BLOCK-90M-100%RB

Date:9.OCT.2021 09:54:08

HIGH BAND EDGE BLOCK-90M-100%RB

Date:9.OCT.2021 09:54:53

NR n77H

OBW: 1RB-HIGH_offset

Date:28.OCT.2021 09:09:18

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

Date:28.OCT.2021 09:09:58

HIGH BAND EDGE BLOCK-1RB-HIGH_offset
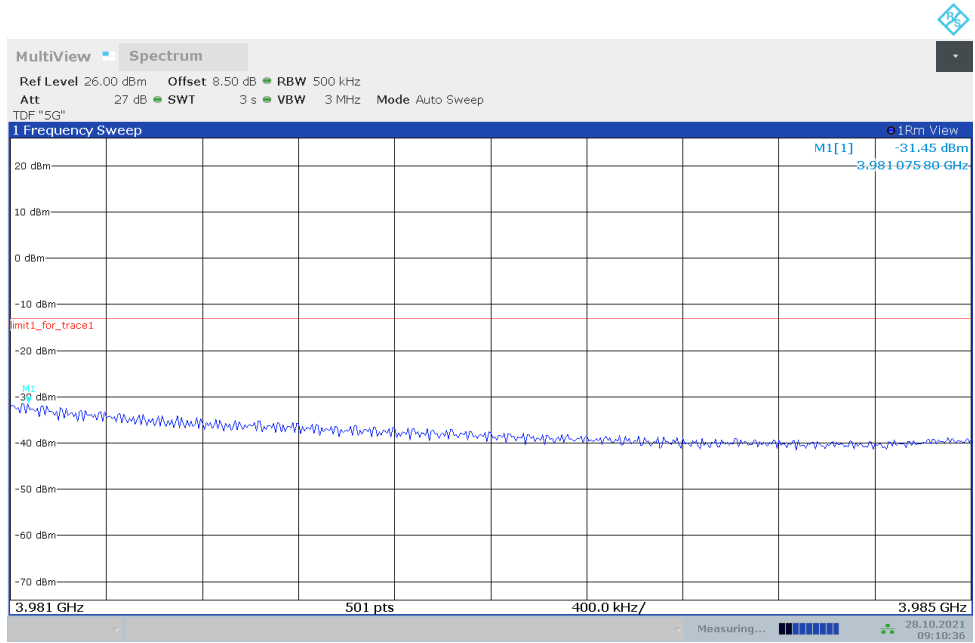
Date:28.OCT.2021 09:10:36

OBW: 1RB-LOW_offset

Date:28.OCT.2021 09:07:04

LOW BAND EDGE BLOCK-1RB-LOW_offset

Date:28.OCT.2021 09:07:44

LOW BAND EDGE BLOCK-1RB-LOW_offset

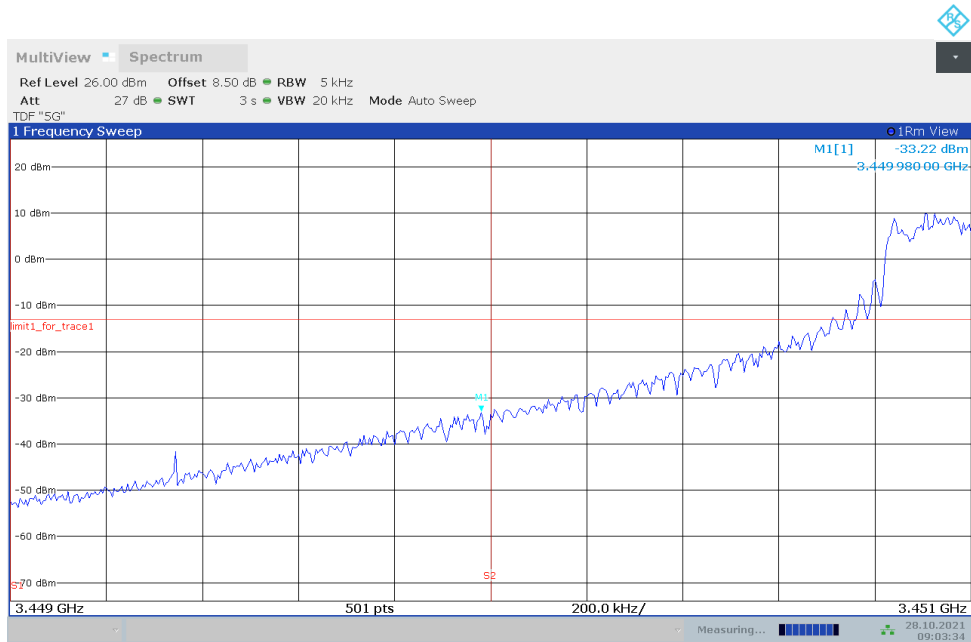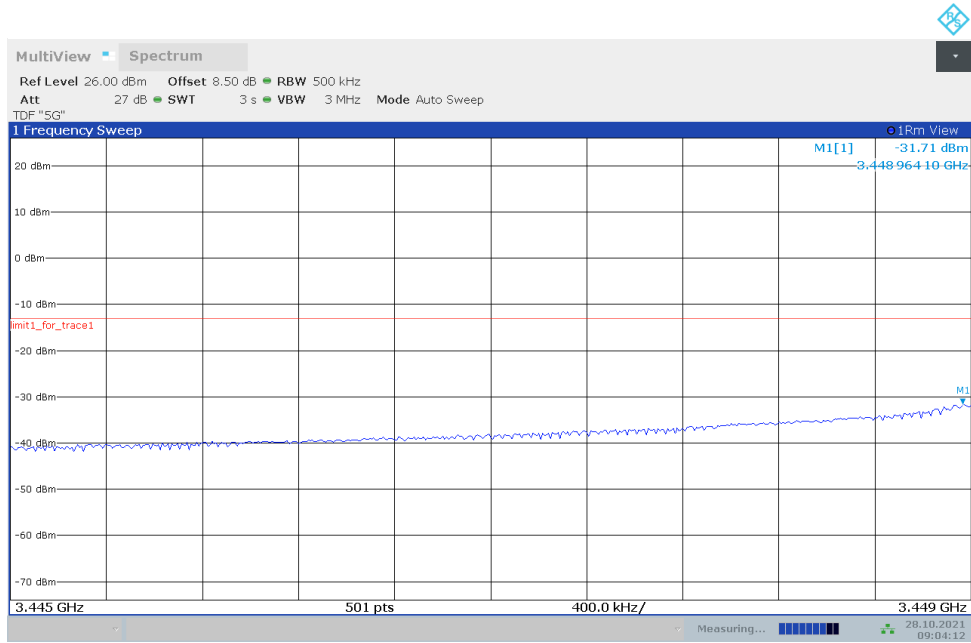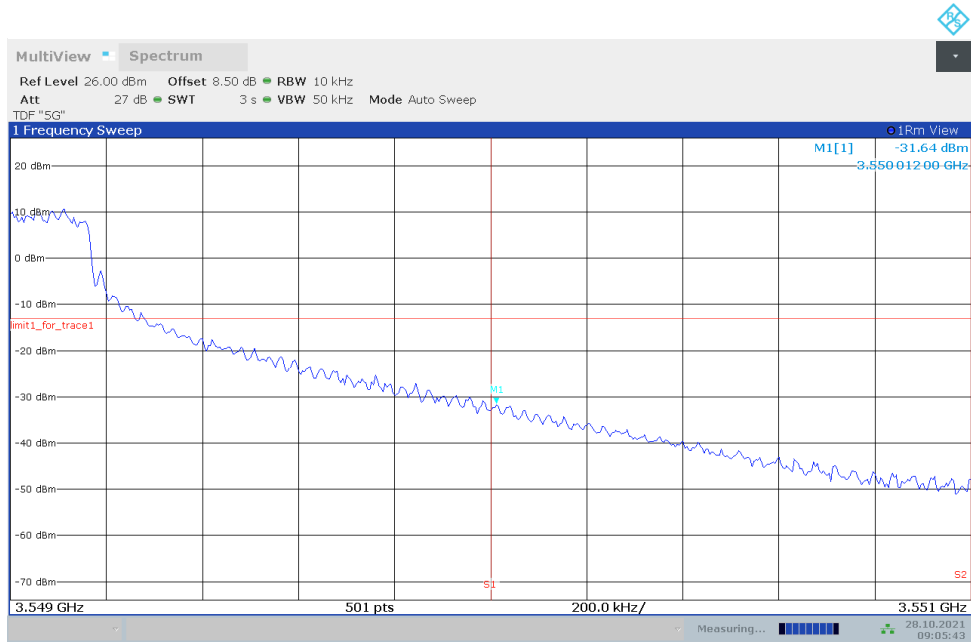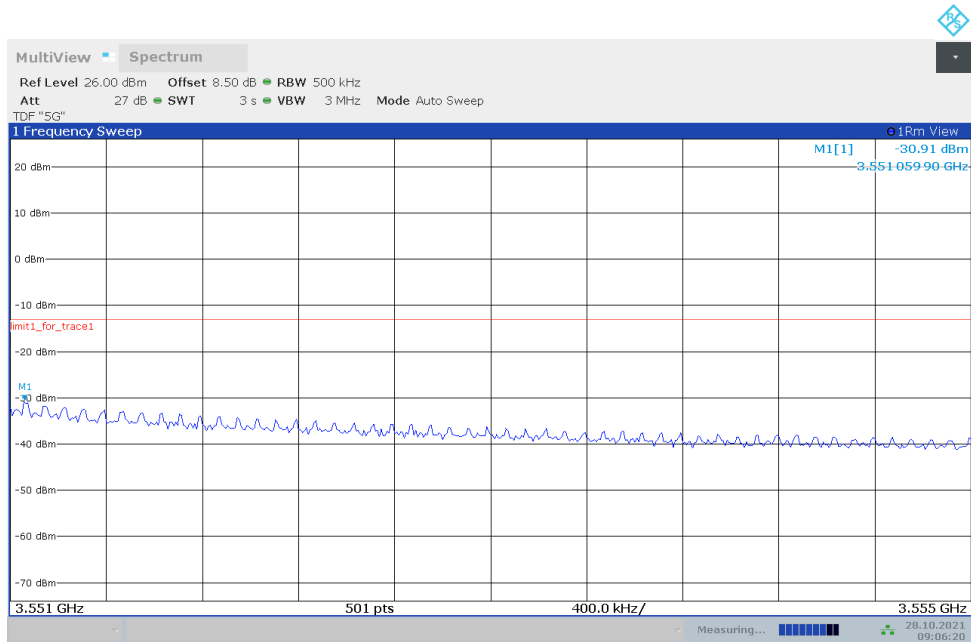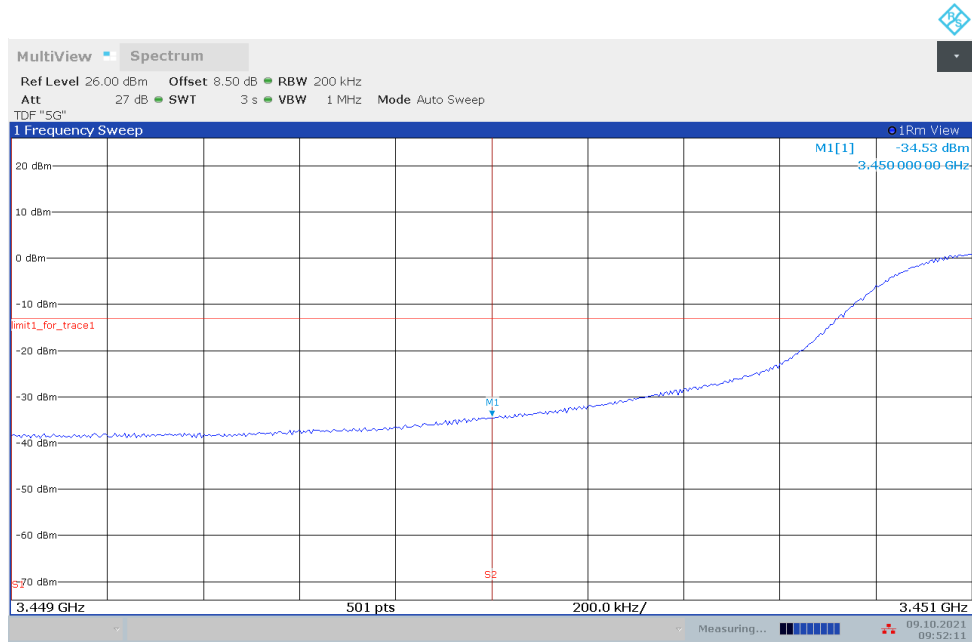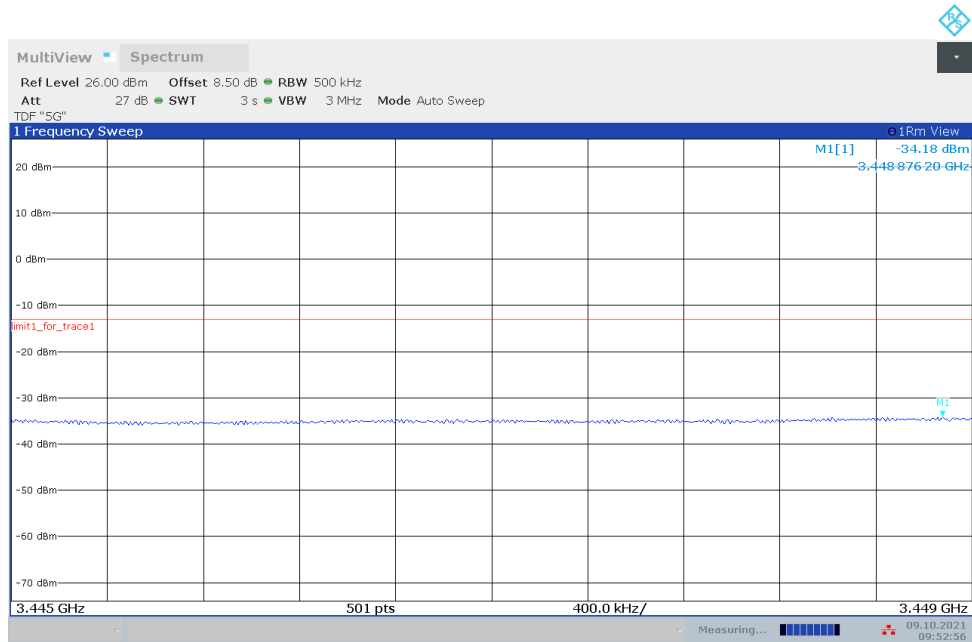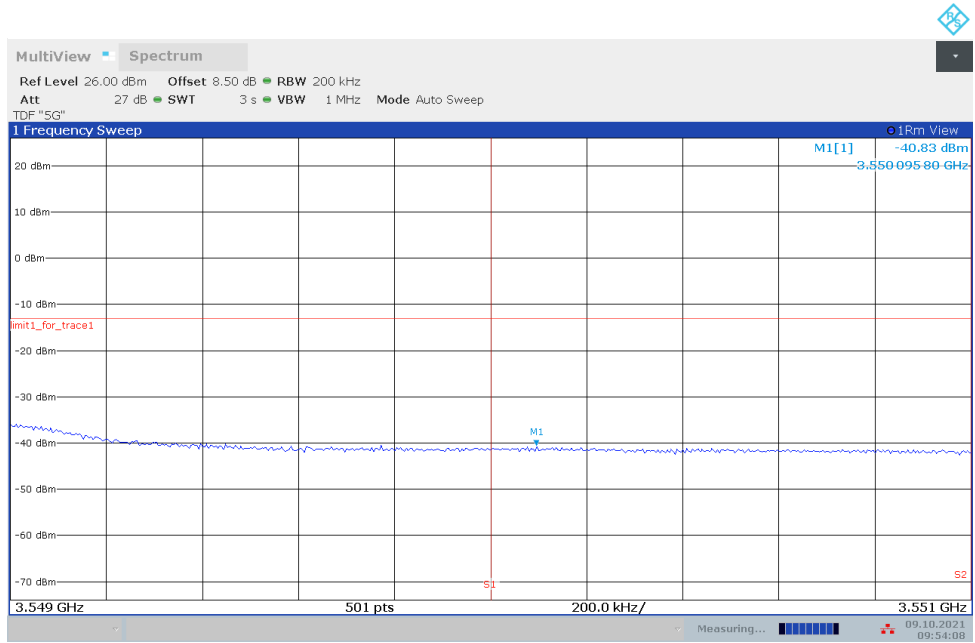

Date:28.OCT.2021 09:08:22

LOW BAND EDGE BLOCK-100M-100%RB

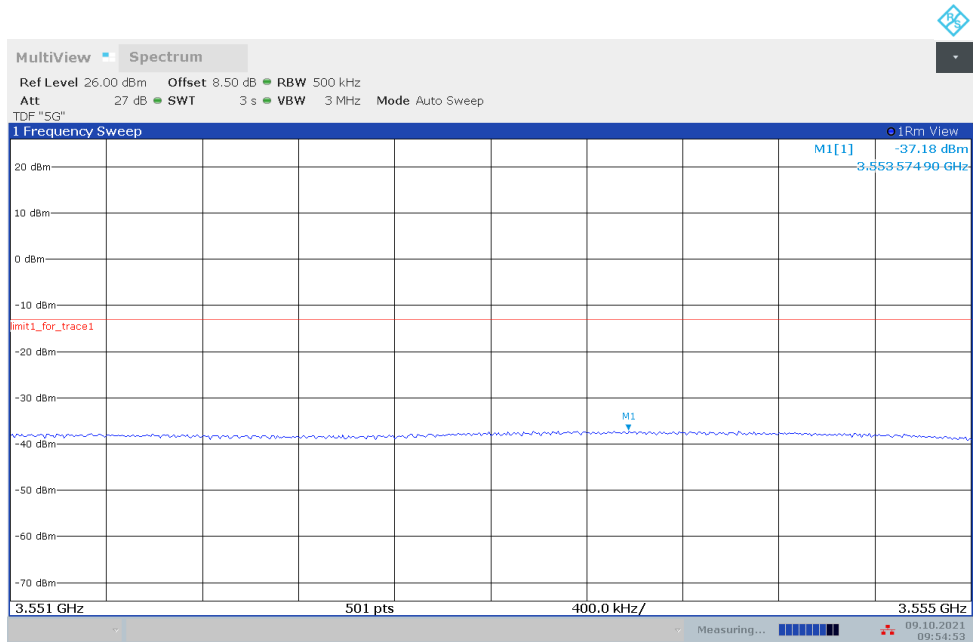Date: 9.OCT.2021 09:56:15

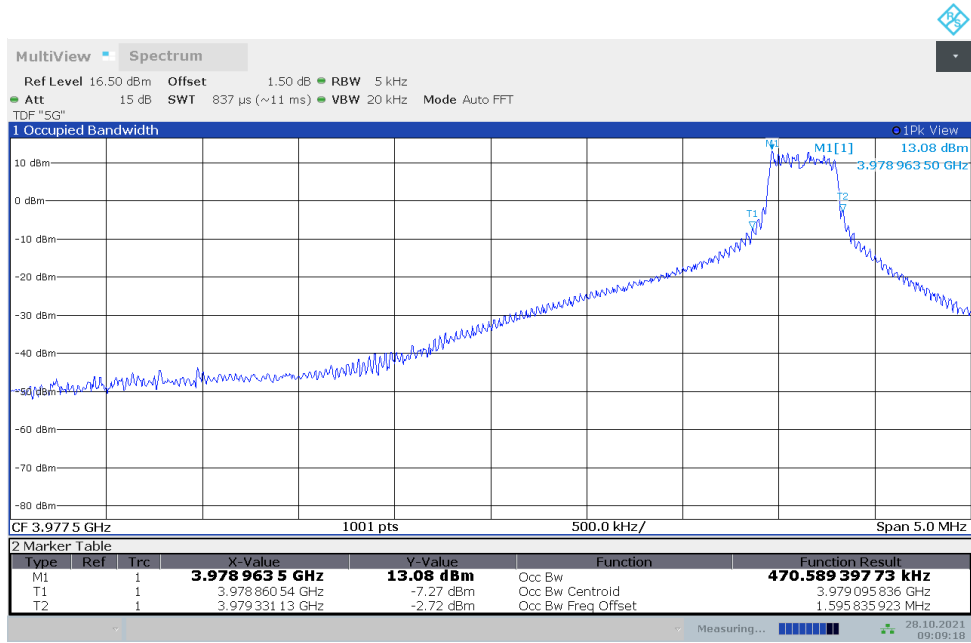## HIGH BAND EDGE BLOCK-100M-100%RB

Date: 9.OCT.2021 09:57:28
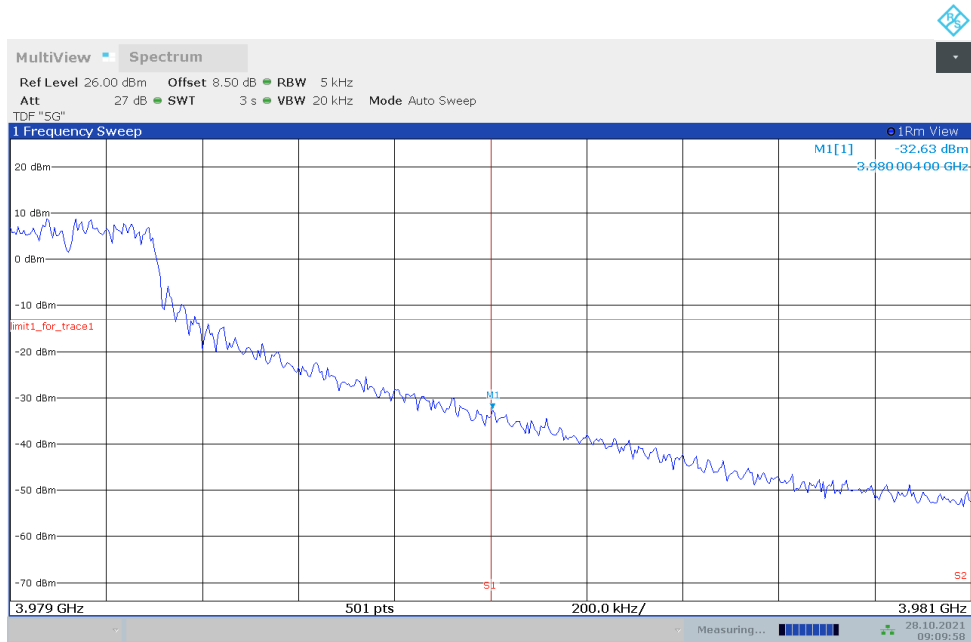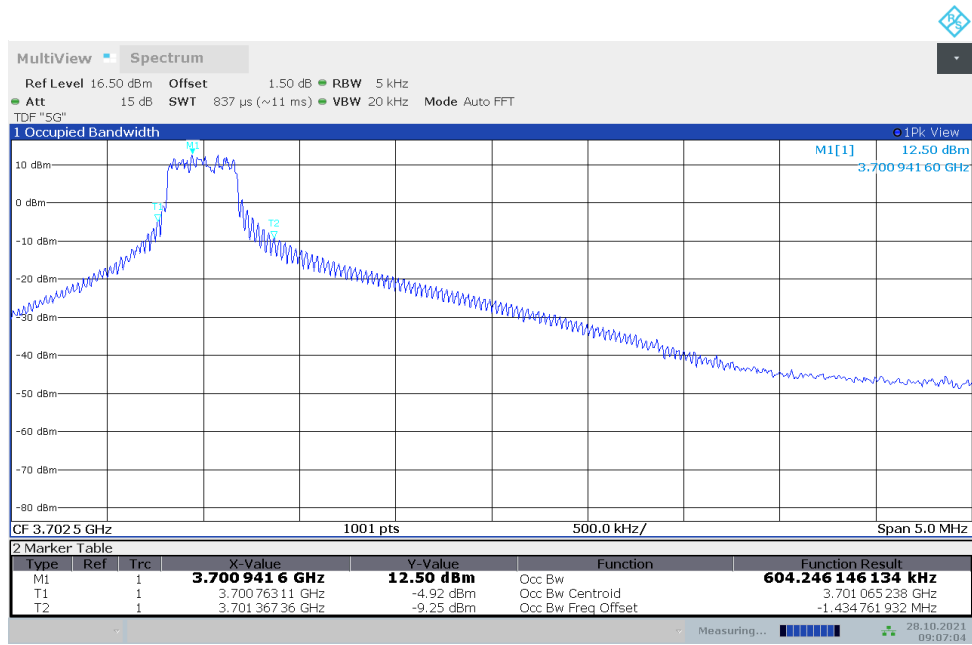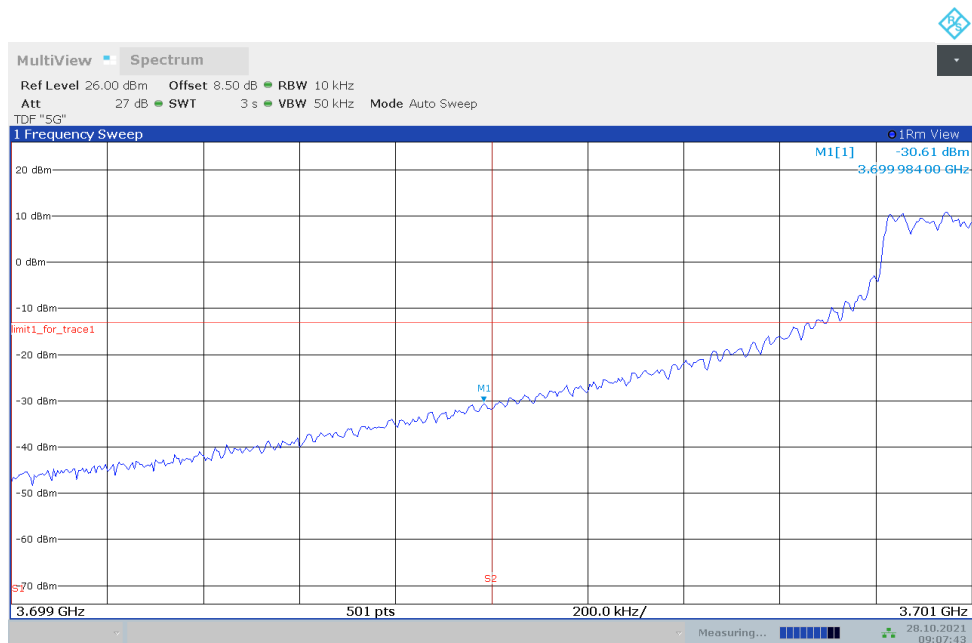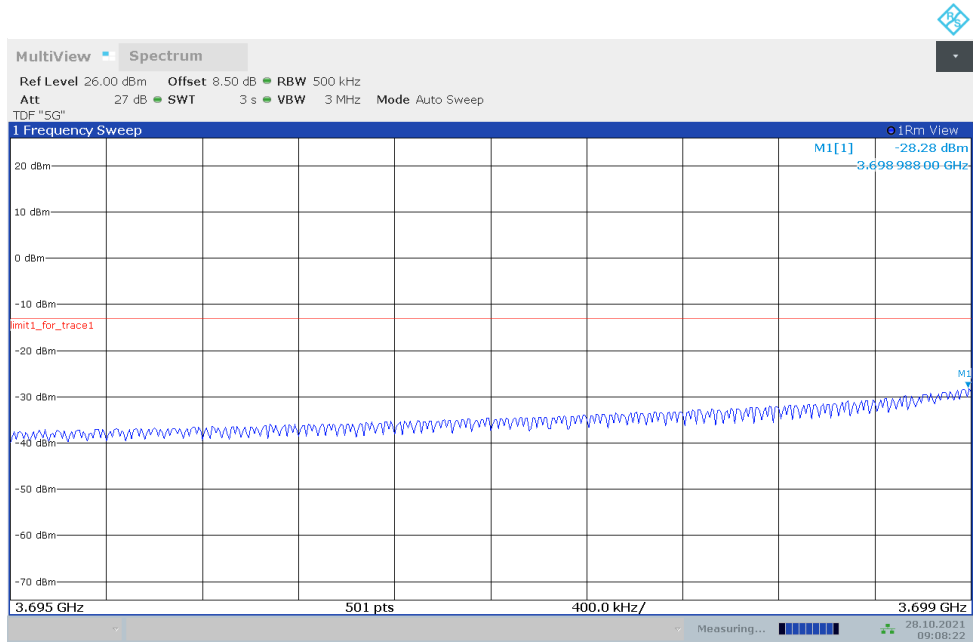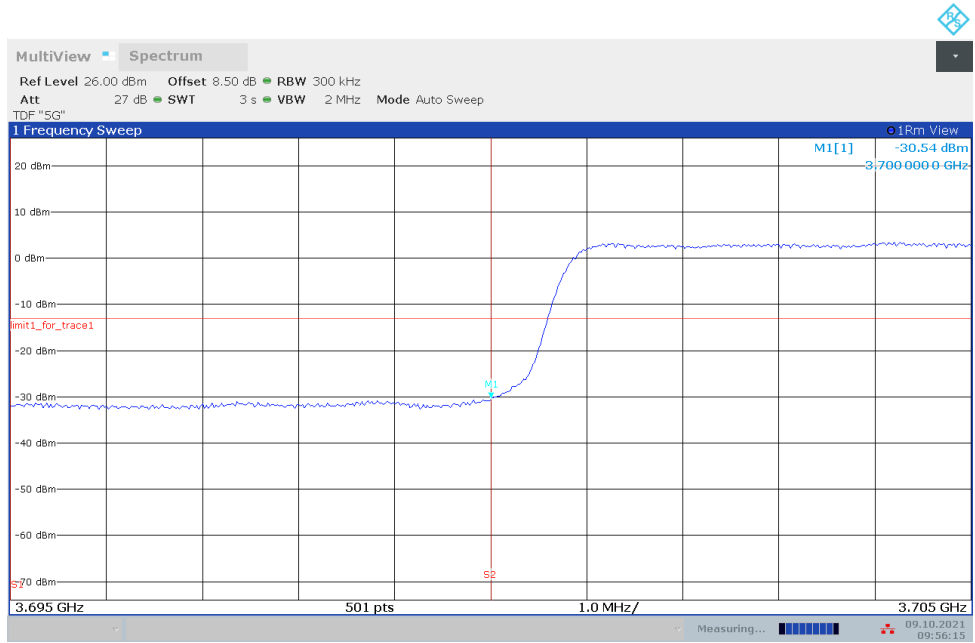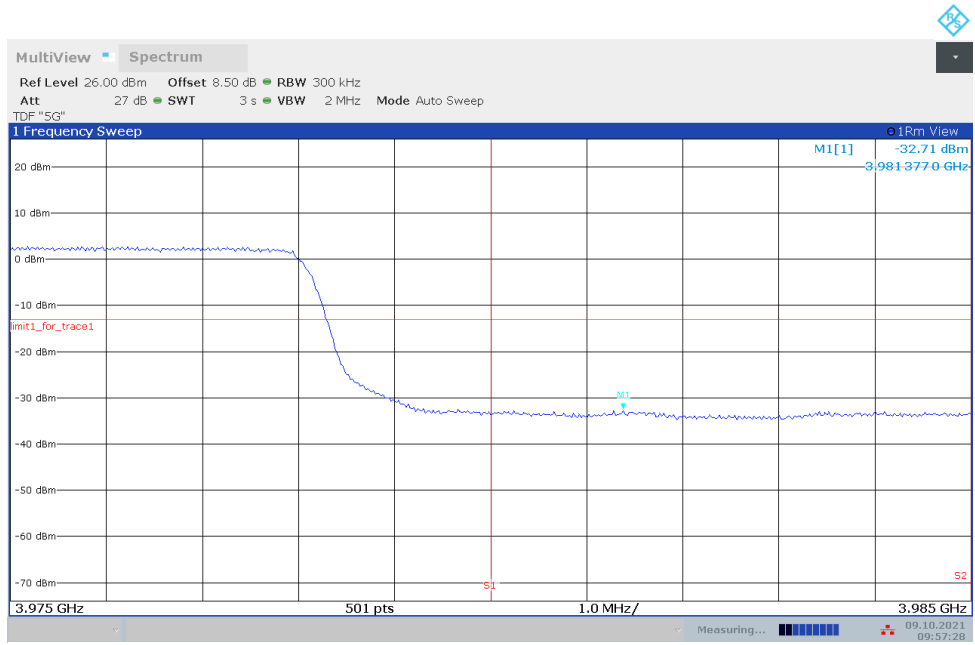
A.7 Conducted Spurious Emission

A.7.1 Measurement Method

The following steps outline the procedure used to measure the conducted emissions from the EUT.

1. In measuring unwanted emissions, the spectrum shall be investigated from 30 MHz or the lowest radio frequency signal generated in the equipment, whichever is lower, without going below 9 kHz, up to at least the frequency given below:
    (a) If the equipment operates below 10 GHz: to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.
    (b) If the equipment operates at or above 10 GHz: to the fifth harmonic of the highest fundamental frequency or to 100 GHz, whichever is lower.
2. Determine EUT transmit frequencies: below outlines the band edge frequencies pertinent to conducted emissions testing.
3. The number of sweep points of spectrum analyzer is set to 30001 which is greater than span/RBW.

A. 7.2 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 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(h) for operations in the 1695–1710 MHz, 1710–1755 MHz, 1755–1780 MHz, 1915–1920 MHz, 1995–2000 MHz, 2000–2020 MHz, 2110–2155 MHz, 2155–2180 MHz, and 2180–2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log10 (P) dB. Compliance

with this provision 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. 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. 7.3 Measurement result

LTE Band 12+NR n2
NOTE: peak above the limit line is the carrier frequency.
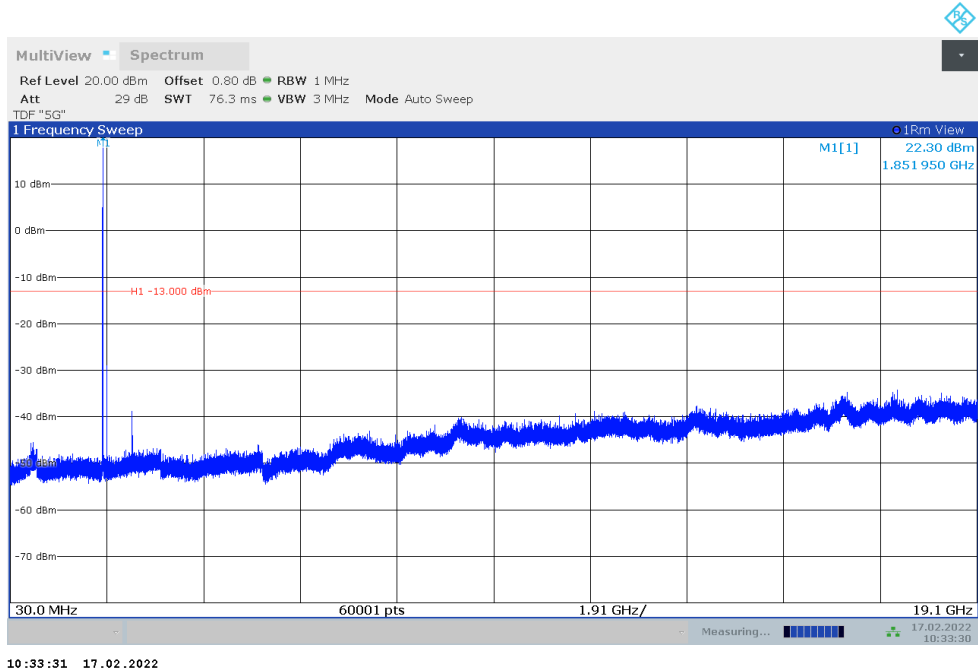
n5
NOTE: peak above the limit line is the carrier frequency.
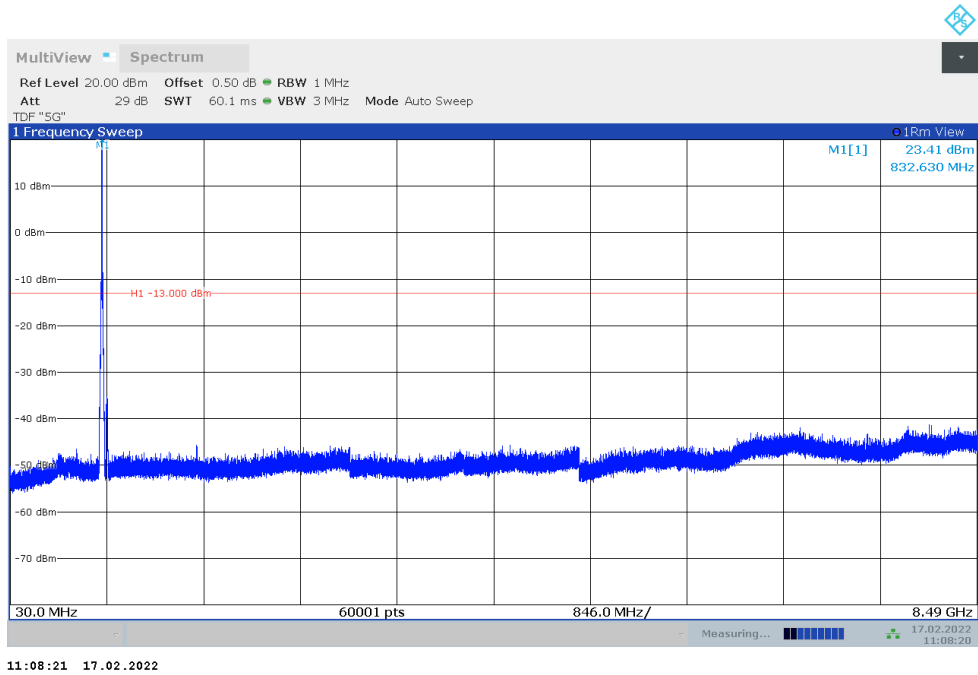
LTE Band 12+NR n25

NOTE: peak above the limit line is the carrier frequency.
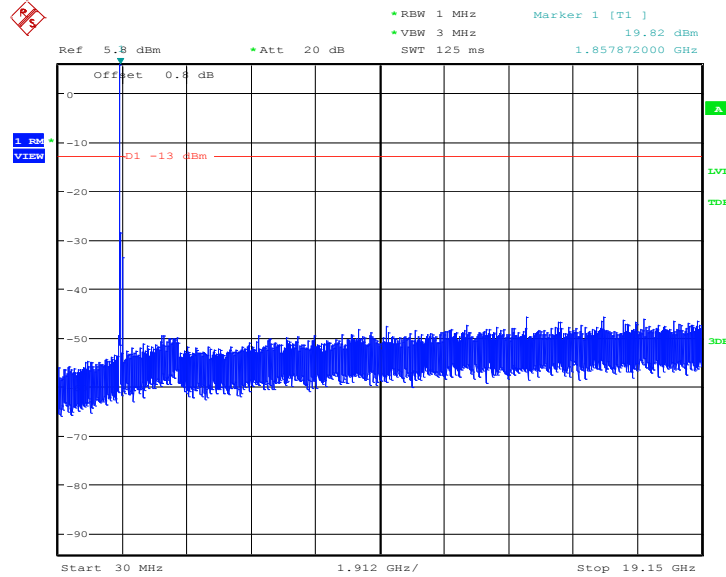
Date: 29.OCT.2021 19:18:50

n41

NOTE: peak above the limit line is the carrier frequency.

Date:28.OCT.2021 09:30:41

LTE Band 12+NR n66

NOTE: peak above the limit line is the carrier frequency.
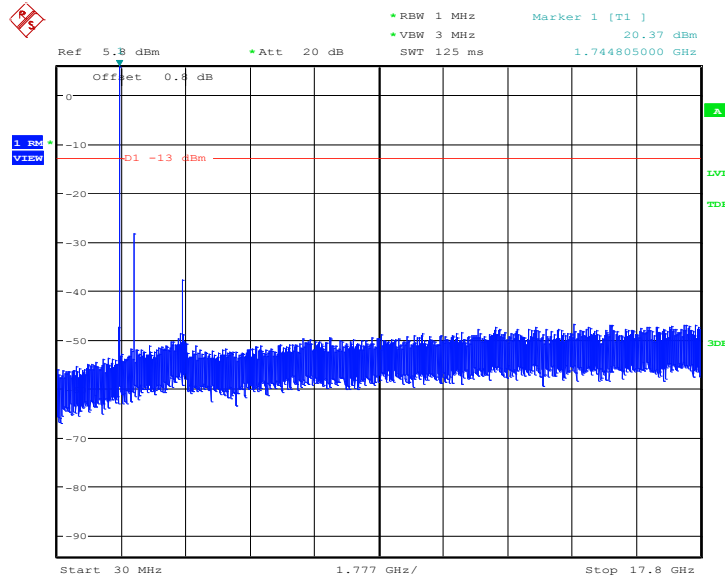
Date: 29.OCT.2021 19:20:34

n70

NOTE: peak above the limit line is the carrier frequency.

10:06:41 17.02.2022

LTE Band 66+NR n71

NOTE: peak above the limit line is the carrier frequency.

Date: 30.OCT.2021 09:00:51

n77L

NOTE: peak above the limit line is the carrier frequency.

Date:28.OCT.2021 09:12:36

n77H
NOTE: peak above the limit line is the carrier frequency.
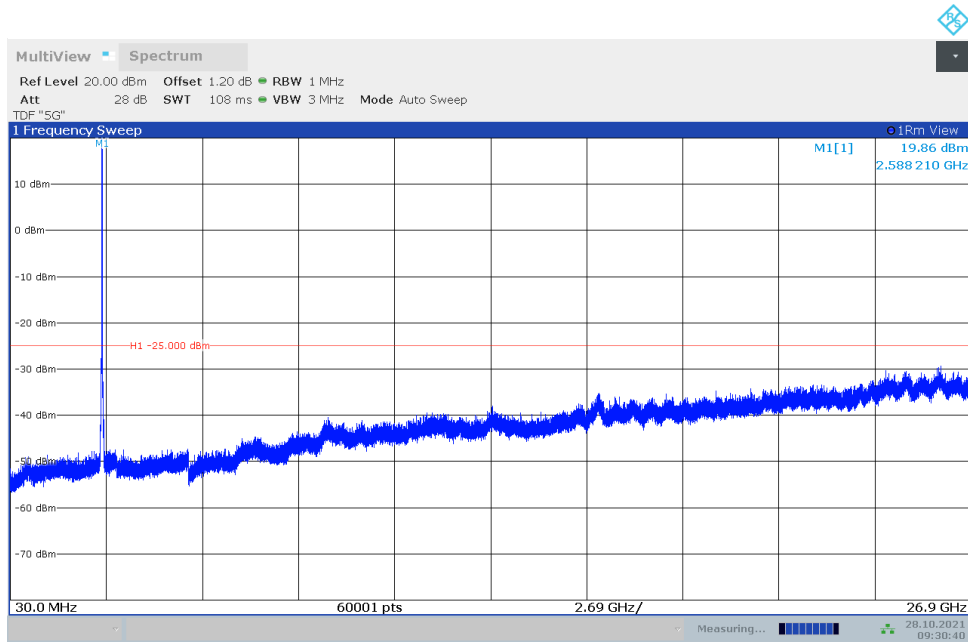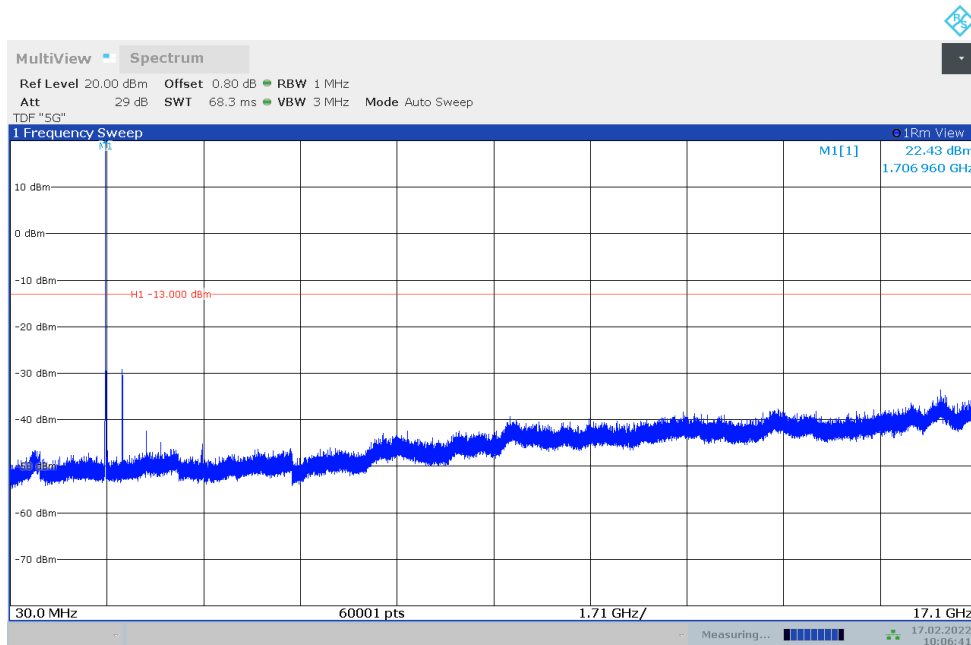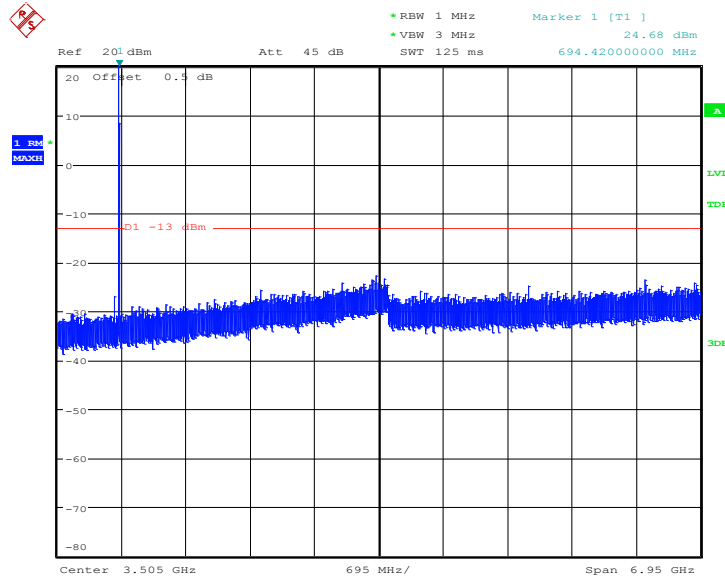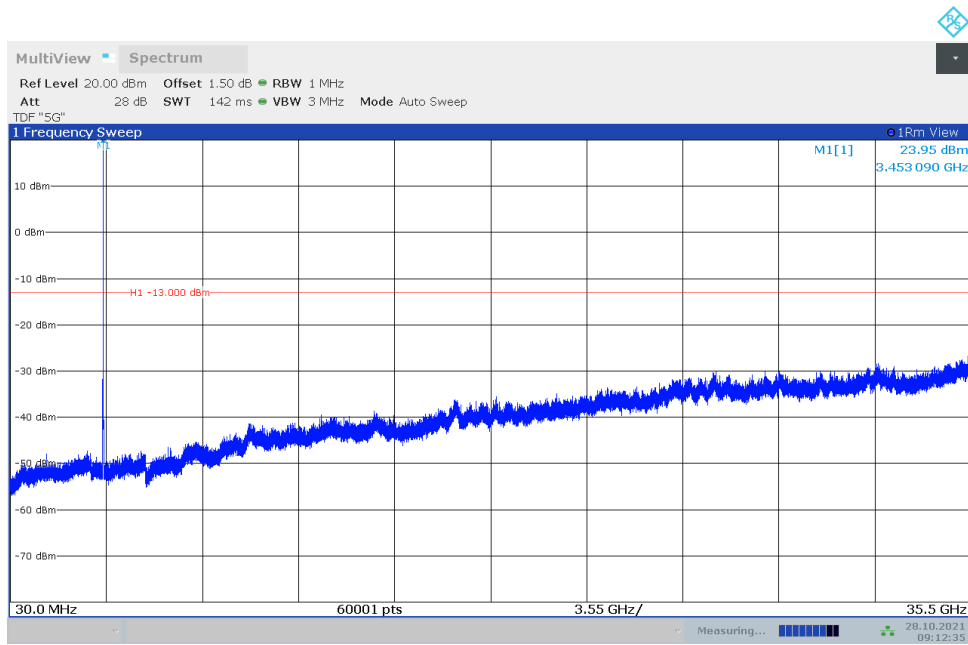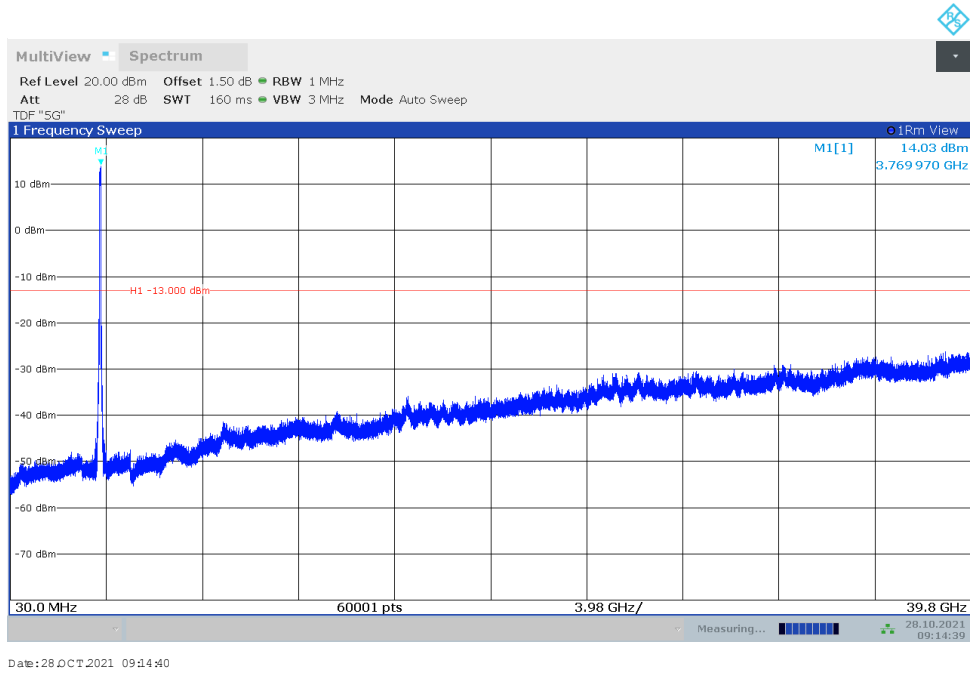

Date:28.OCT.2021 09:14:40

A.8 Peak-to-Average Power Ratio

The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB

a) Refer to instrument's analyzer instruction manual for details on how to use the power statistics/CCDF function;

b) Set resolution/measurement bandwidth ≥ signal's occupied bandwidth;

c) Set the number of counts to a value that stabilizes the measured CCDF curve;

d) Record the maximum PAPR level associated with a probability of 0.1%.

Measurement results

LTE Band 12+NR n2,20MHz

Frequency (MHz)	PAPR (dB)								
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
1880	5.16	6.46	7.20	7.36	7.06	8.88	8.84	8.96	9.04

LTE Band 12+NR n25,20MHz

Frequency (MHz)	PAPR (dB)								
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
1882.5	5.60	6.28	7.26	7.14	7.40	8.88	9.26	9.02	8.72

n41,100MHz

Frequency (MHz)	PAPR (dB)								
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
2592.99	4.86	5.63	6.43	6.63	6.79	8.11	8.19	8.24	8.63

LTE Band 12+NR n66,40MHz

Frequency (MHz)	PAPR (dB)								
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
1745	5.70	6.15	6.80	6.97	7.00	8.66	8.67	8.85	8.73

n70,15MHz

Frequency (MHz)	PAPR (dB)								
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
1702.5	4.26	5.30	6.14	6.26	6.24	7.94	8.04	8.02	7.82

LTE Band 66+NR n71,20MHz

Frequency (MHz)	PAPR (dB)								
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
680.5	5.60	6.90	7.56	7.39	7.62	9.37	9.36	9.44	9.33

n77L,90MHz

Frequency (MHz)	PAPR (dB)								
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
3500.01	4.85	5.77	6.44	6.66	6.79	8.27	8.25	8.27	8.41

n77H,100MHz

Frequency (MHz)	PAPR (dB)								
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
3840	3.70	4.85	6.30	6.51	6.55	8.03	7.84	8.06	8.26

Annex B: Accreditation Certificate

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®   ilac-MRA

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 600118-0

Telecommunication Technology Labs, CAICT
Beijing
China

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:

Electromagnetic Compatibility & Telecommunications

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2021-09-29 through 2022-09-30
Effective Dates

For the National Voluntary Laboratory Accreditation Program

END OF REPORT