n77L

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)


```
14:04:00   31.08.2023
```

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


```
14:04:16   31.08.2023
```
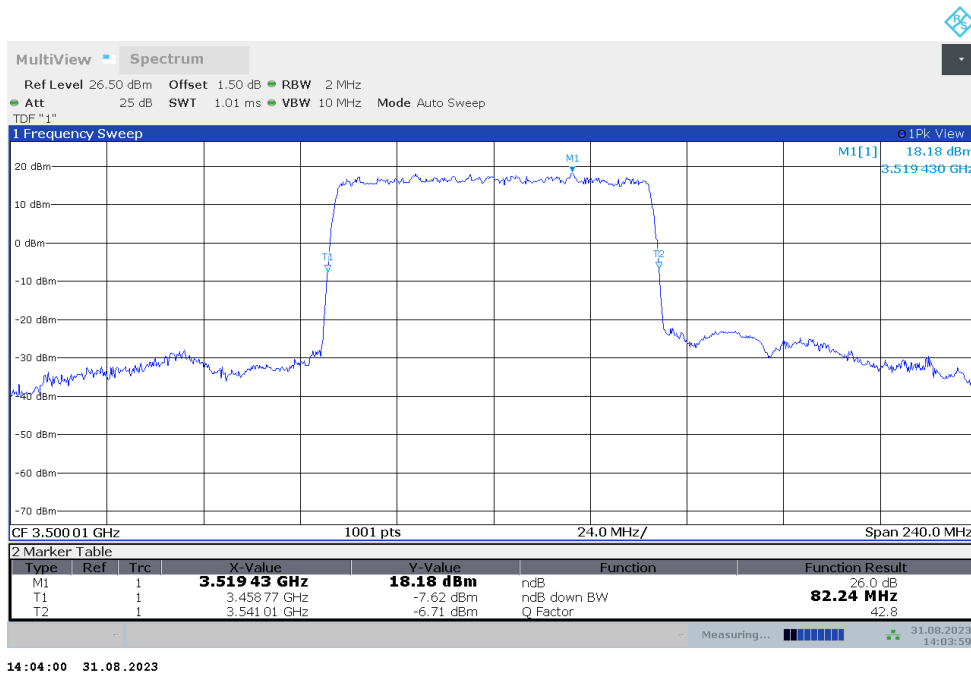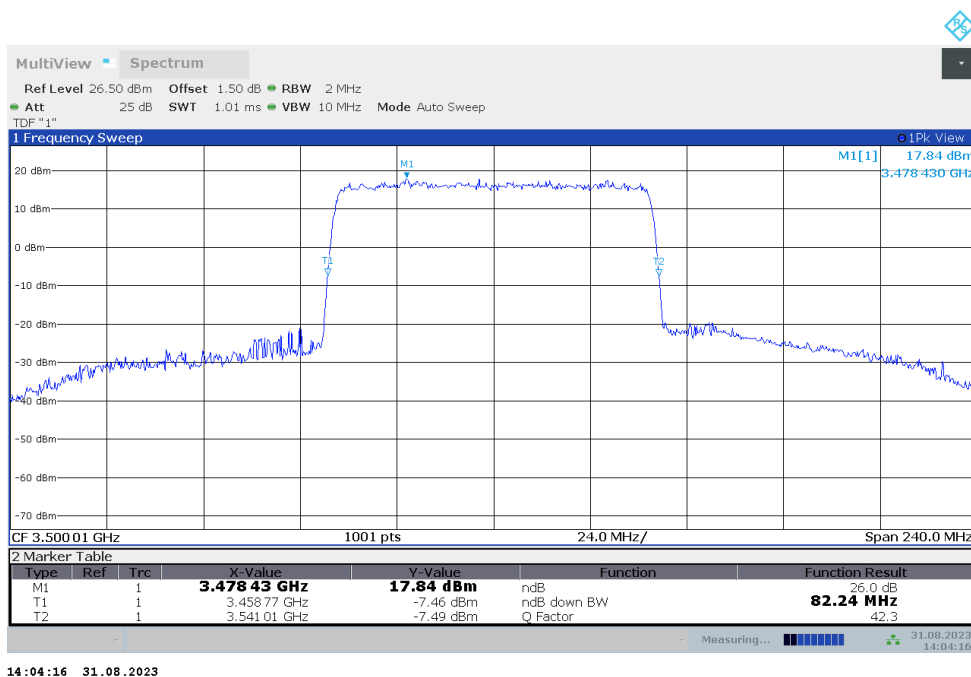
n77H
n77H,20MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	19.361	19.421

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

16:28:01 14.07.2023

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

16:28:18 14.07.2023
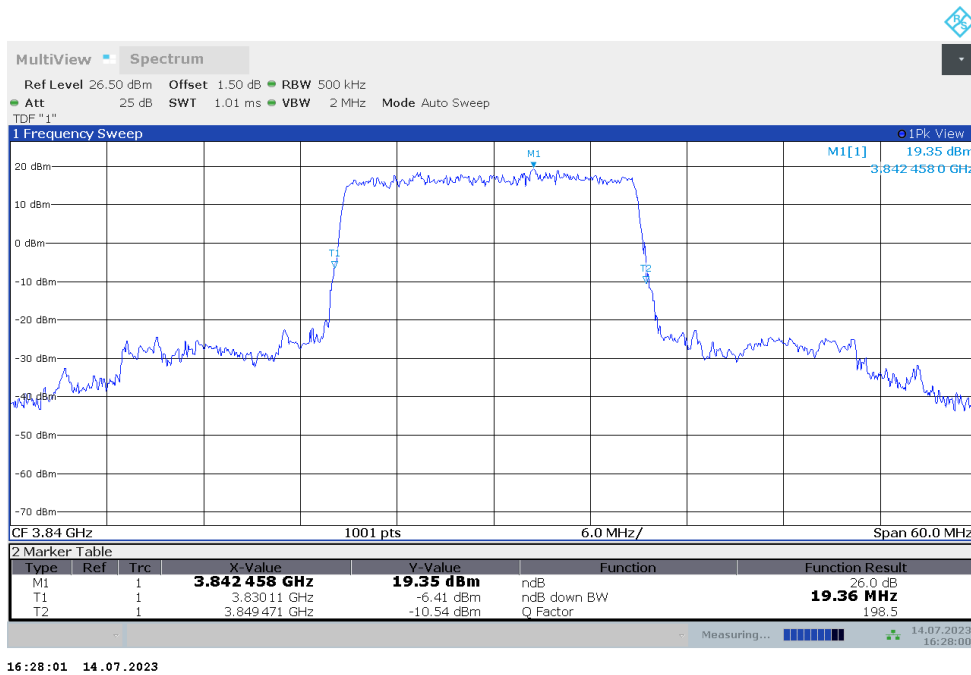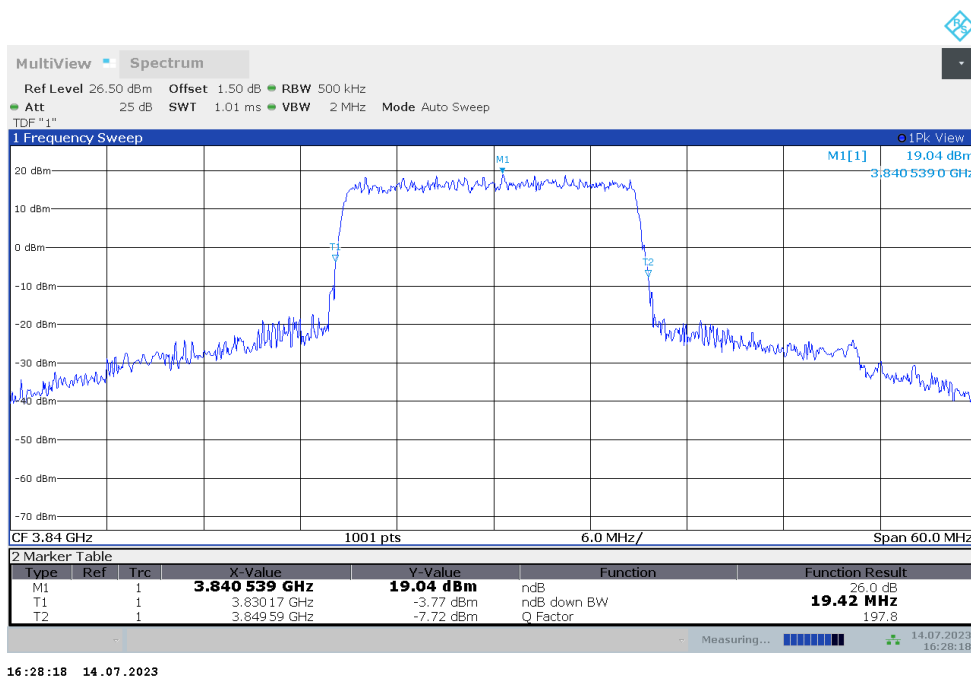
n77H

n77H,30MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	28.322	28.322

n77H,30MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)
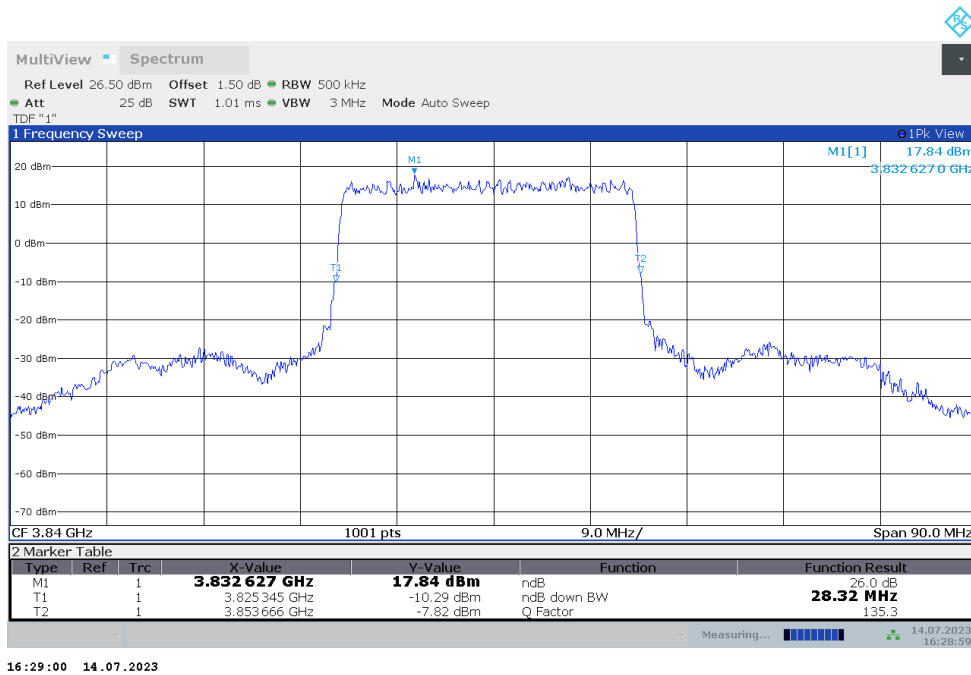
16:29:00 14.07.2023

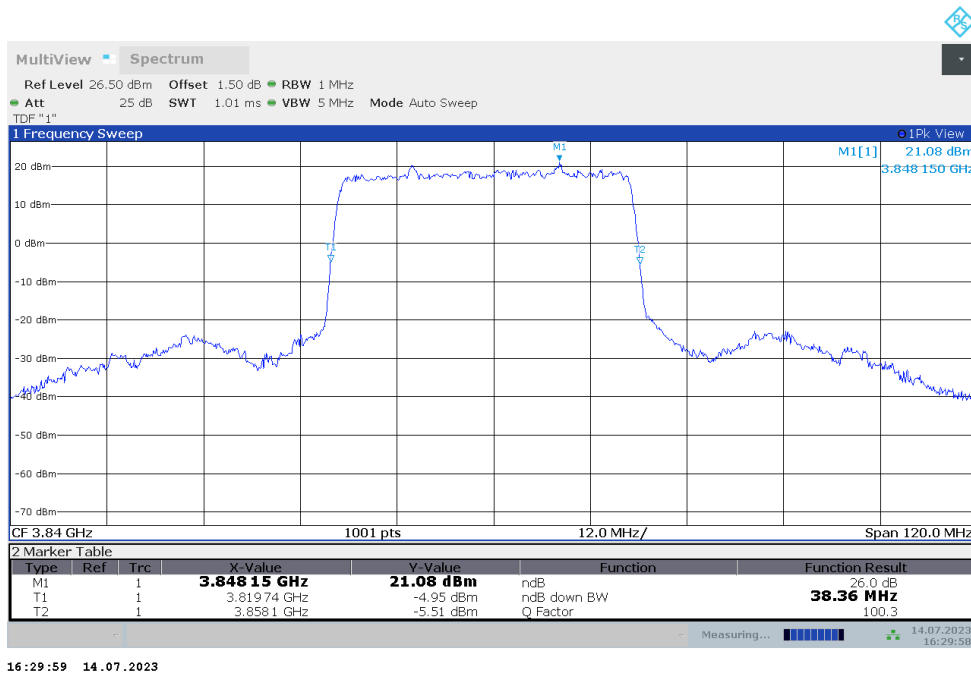**n77H,30MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**
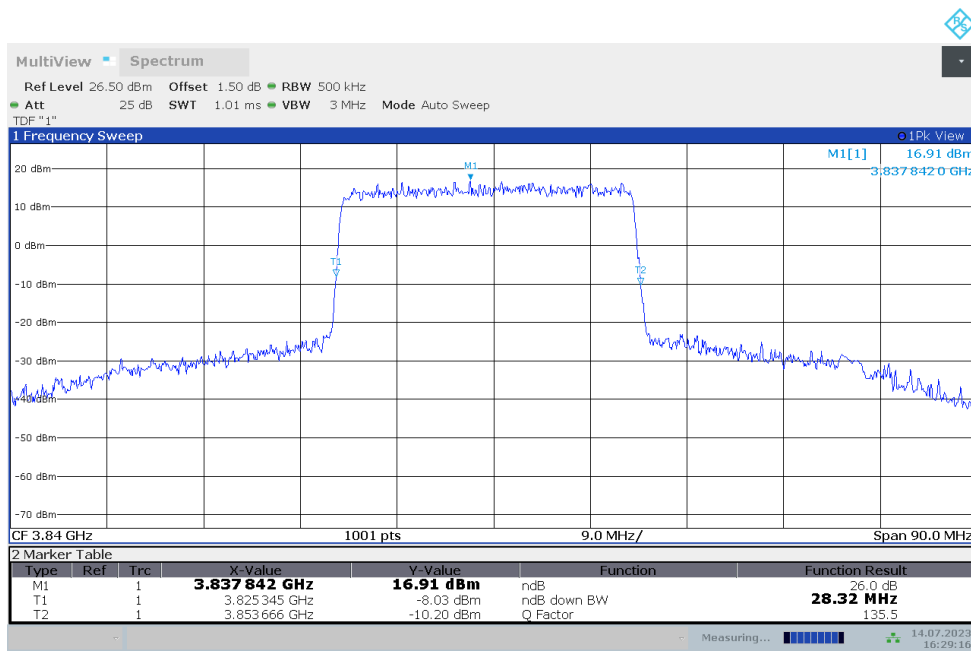
16:29:17 14.07.2023
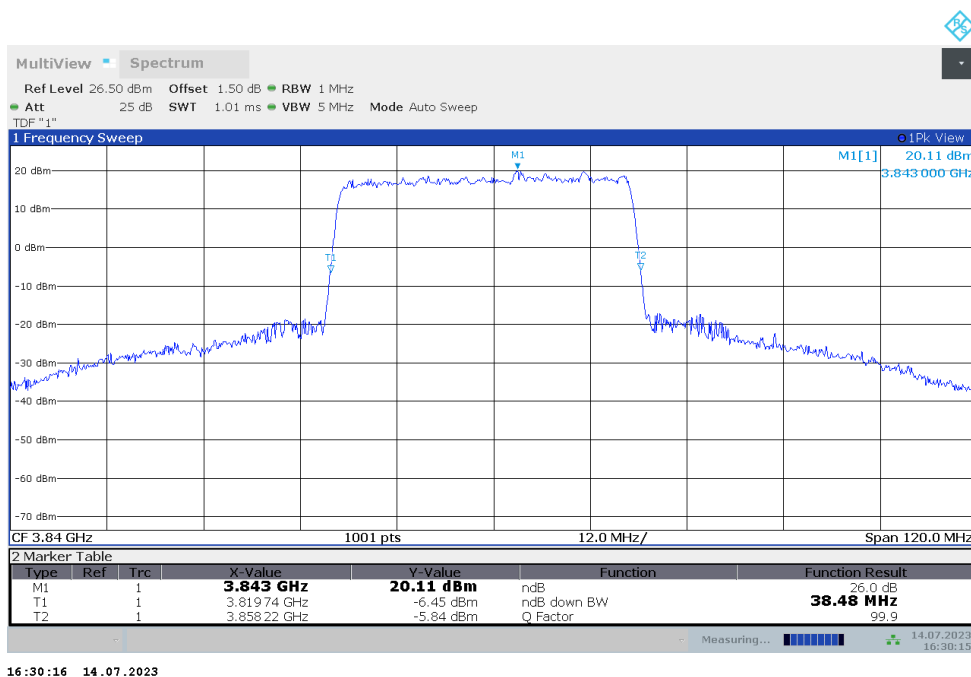
n77H

n77H,40MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	38.360	38.480

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

16:29:59 14.07.2023

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

16:30:16 14.07.2023

n77H

n77H,60MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	60.780	60.600

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

16:30:58 14.07.2023

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

16:31:15 14.07.2023
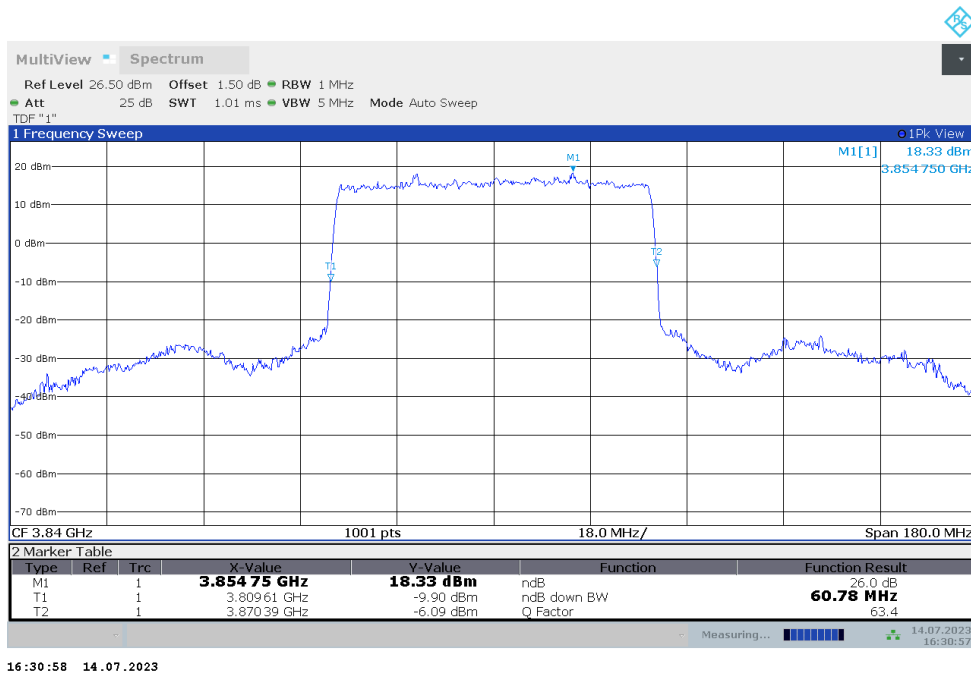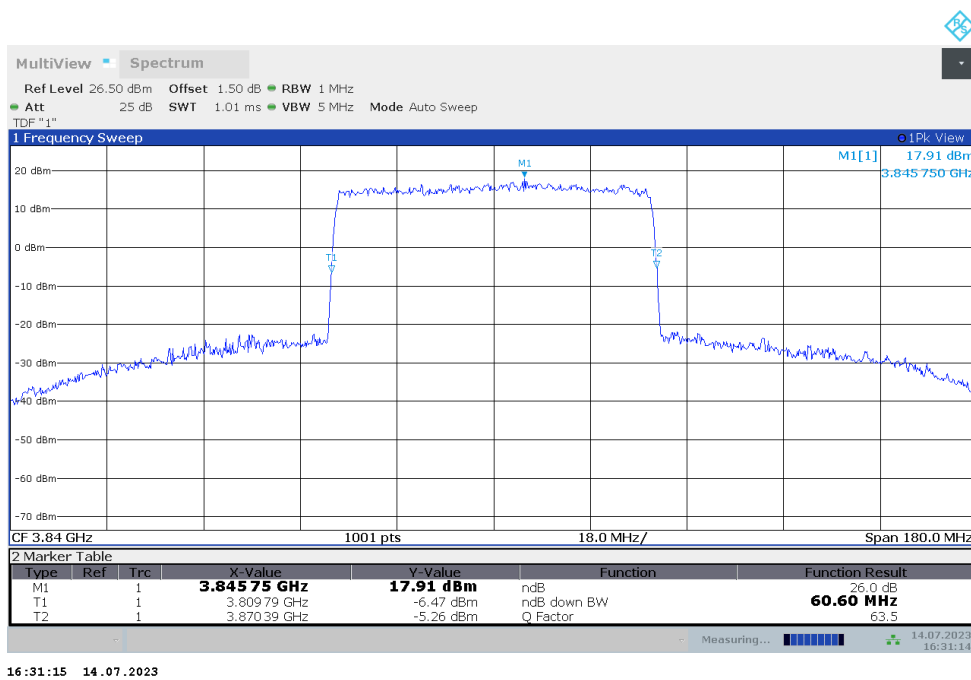
n77H

n77H,80MHz(-26dBc)

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

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

16:31:57 14.07.2023

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

16:32:14 14.07.2023
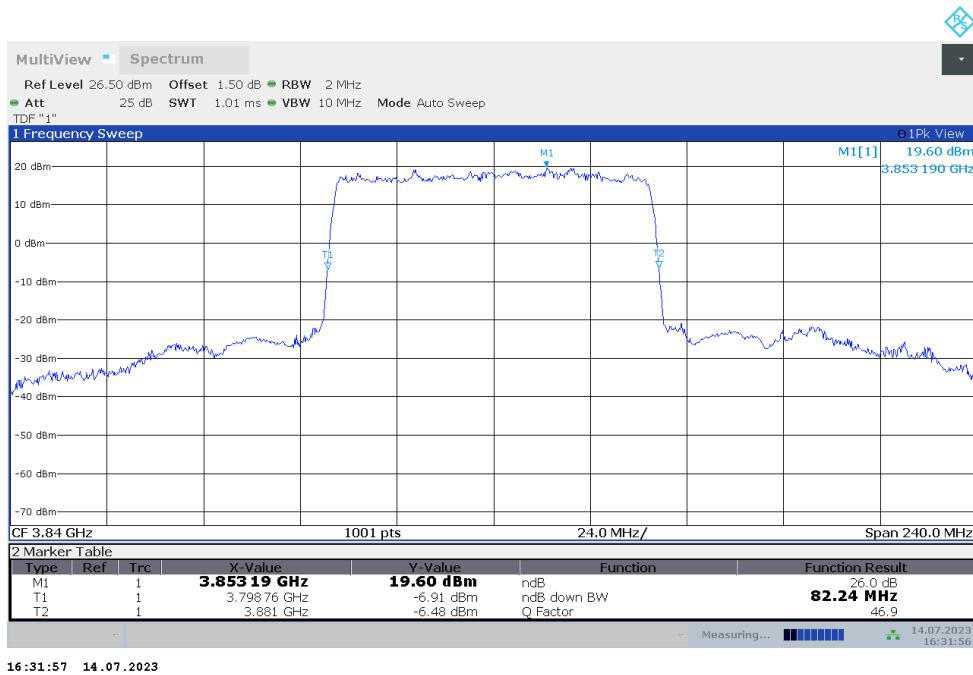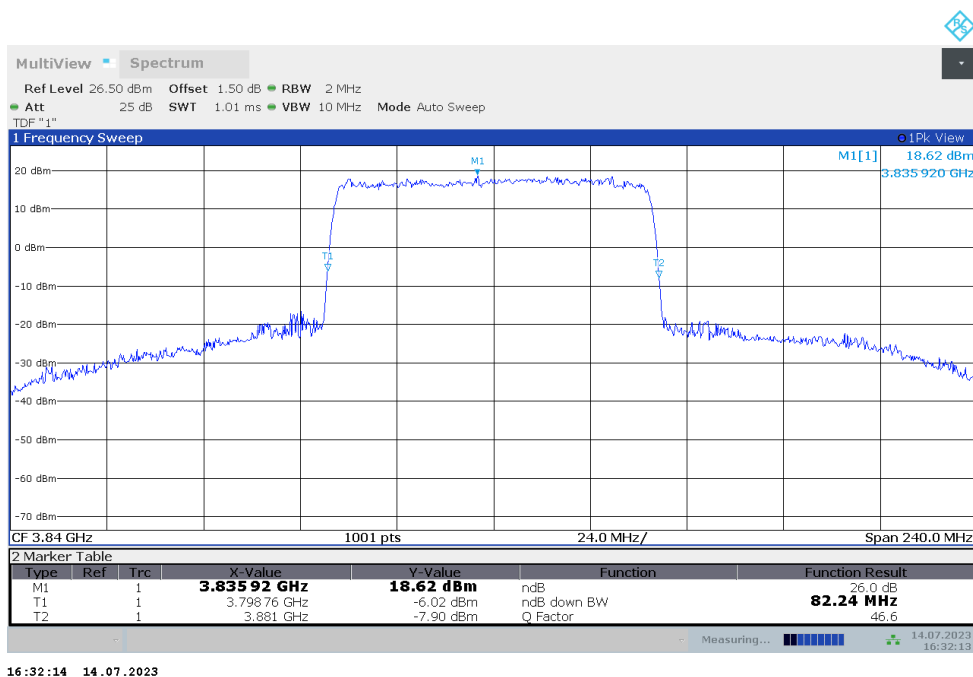
n77H
n77H,100MHz(-26dBc)

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)

16:32:55 14.07.2023

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

16:33:12 14.07.2023
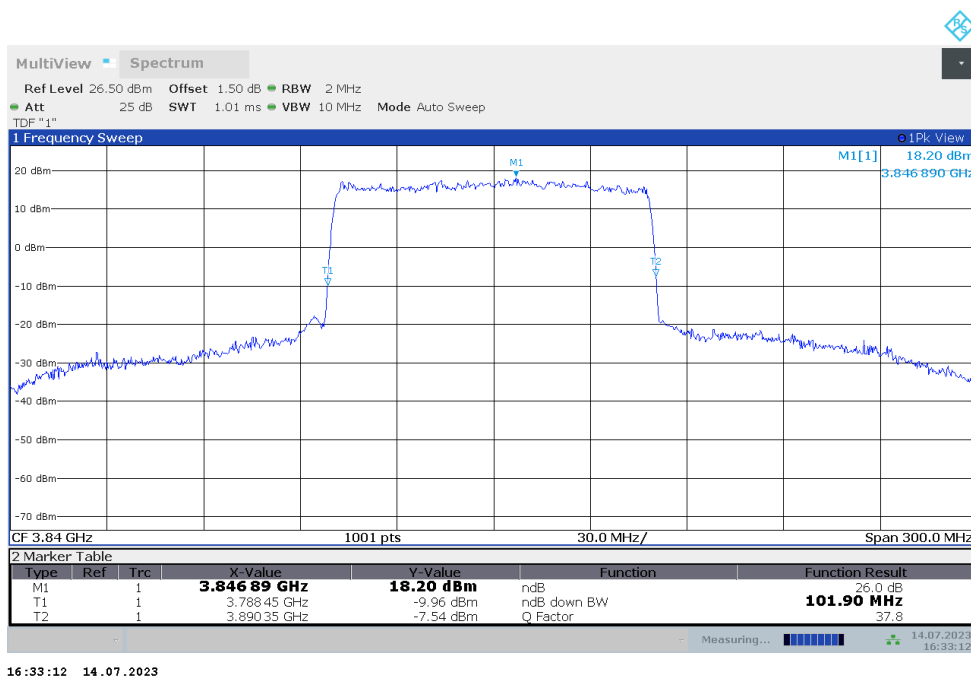
n78L

n78L,20MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	19.481	19.481

n78L,20MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)

14:05:00 31.08.2023

n78L,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

14:05:17 31.08.2023
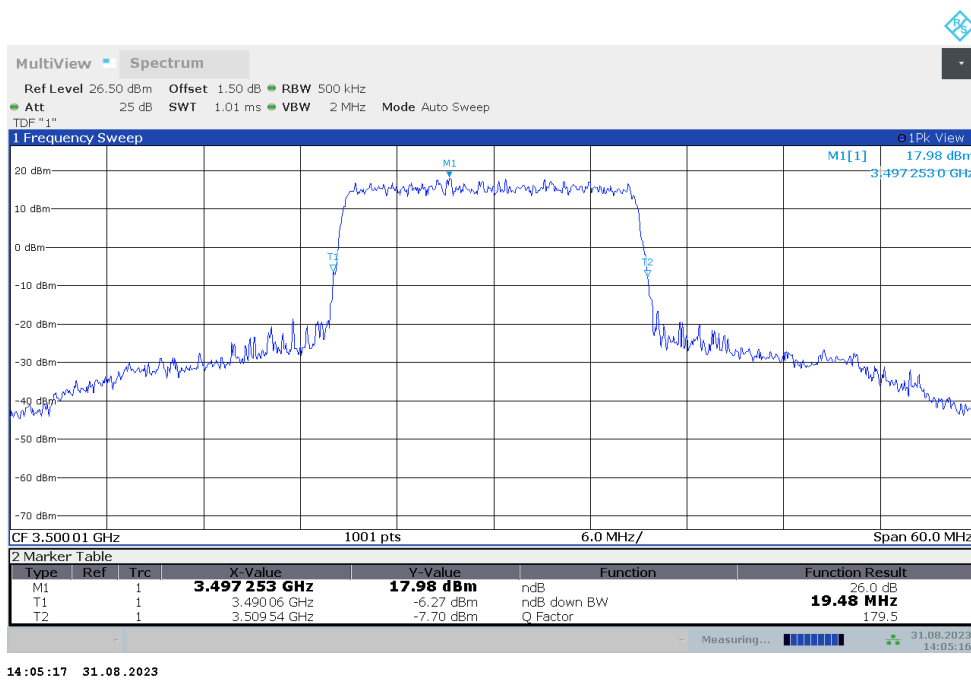
n78L

n78L,30MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	28.412	28.501

n78L,30MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)

14:05:58 31.08.2023

n78L,30MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

14:06:15 31.08.2023
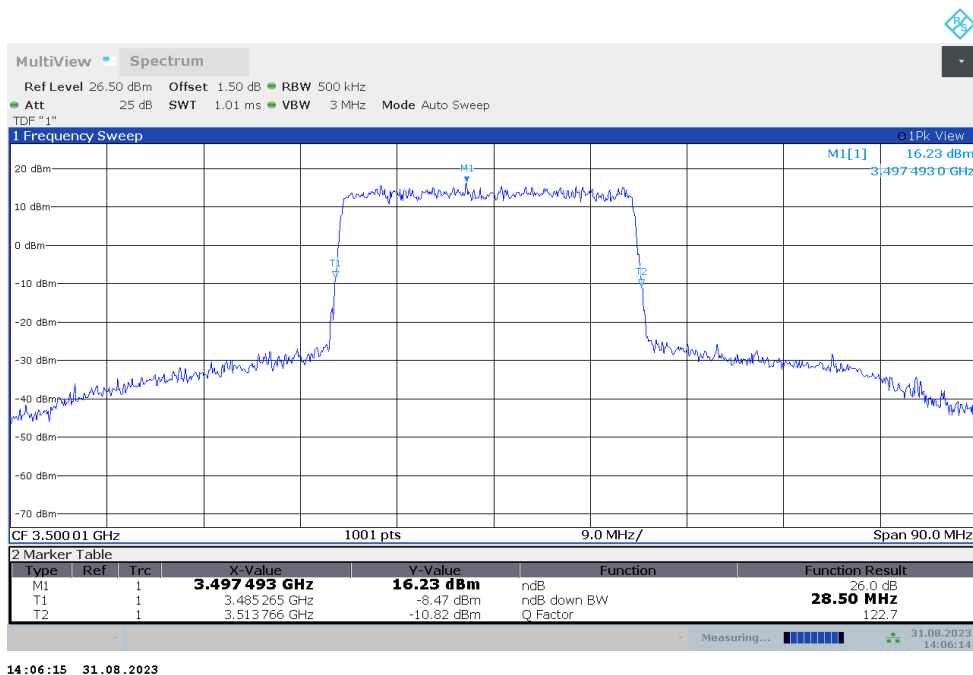
n78L

n78L,40MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	38.240	38.480

n78L,40MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)

14:06:56 31.08.2023

n78L,40MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

14:07:13 31.08.2023
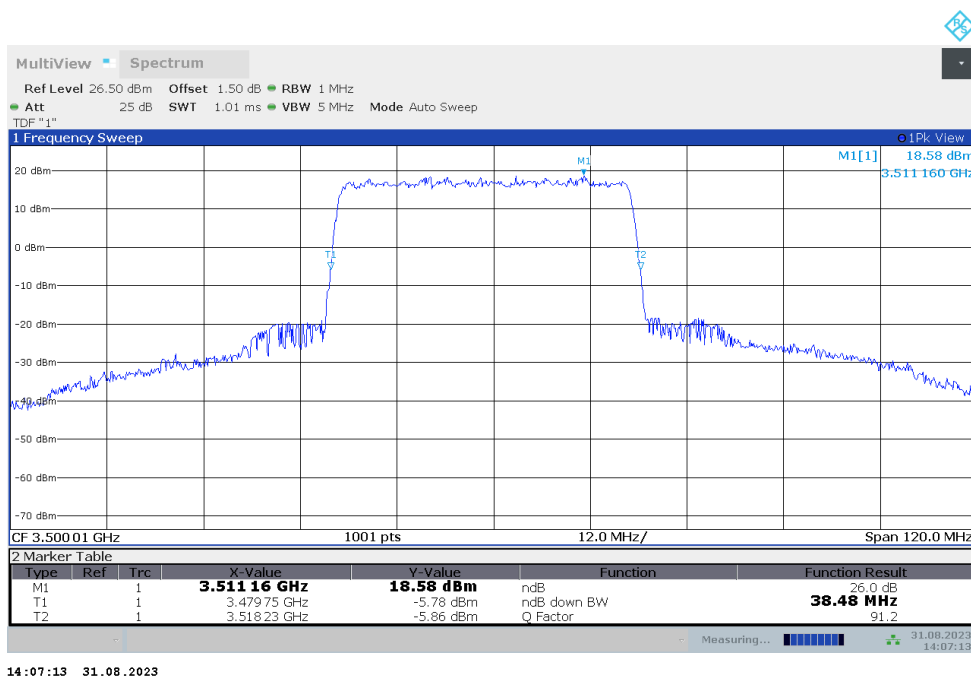
n78L

n78L,50MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	48.550	48.700

n78L,50MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)

14:07:55 31.08.2023

n78L,50MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

14:08:11 31.08.2023
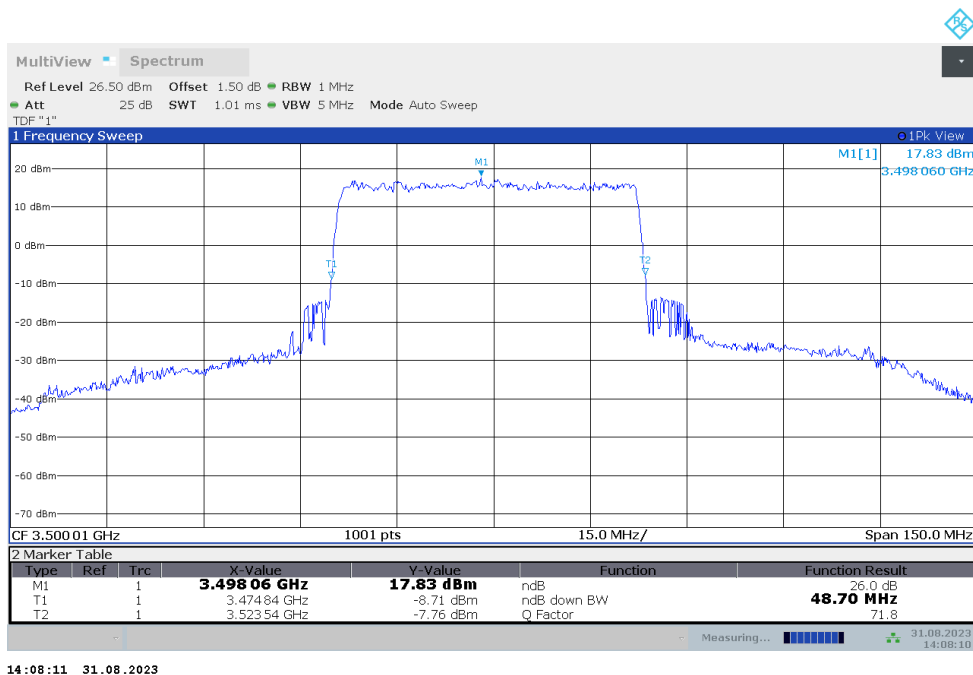
n78L

n78L,60MHz(-26dBc)

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

n78L,60MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)

14:08:52 31.08.2023

n78L,60MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

14:09:09 31.08.2023

Page 249 of 299
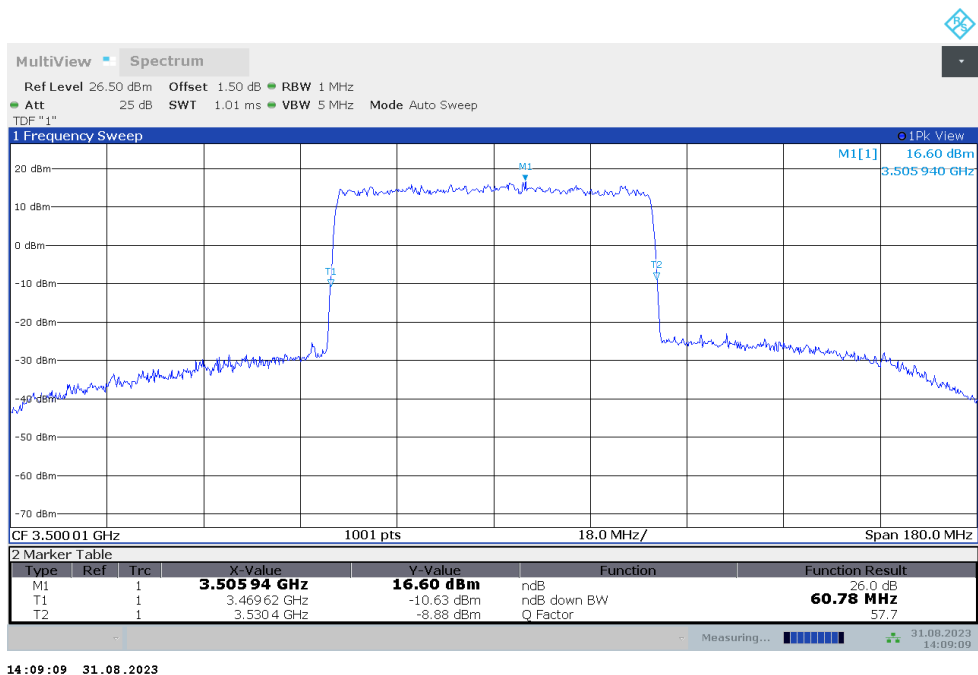
n78L

n78L,70MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	67.340	67.340

n78L,70MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)

14:09:51 31.08.2023

n78L,70MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

14:10:08 31.08.2023
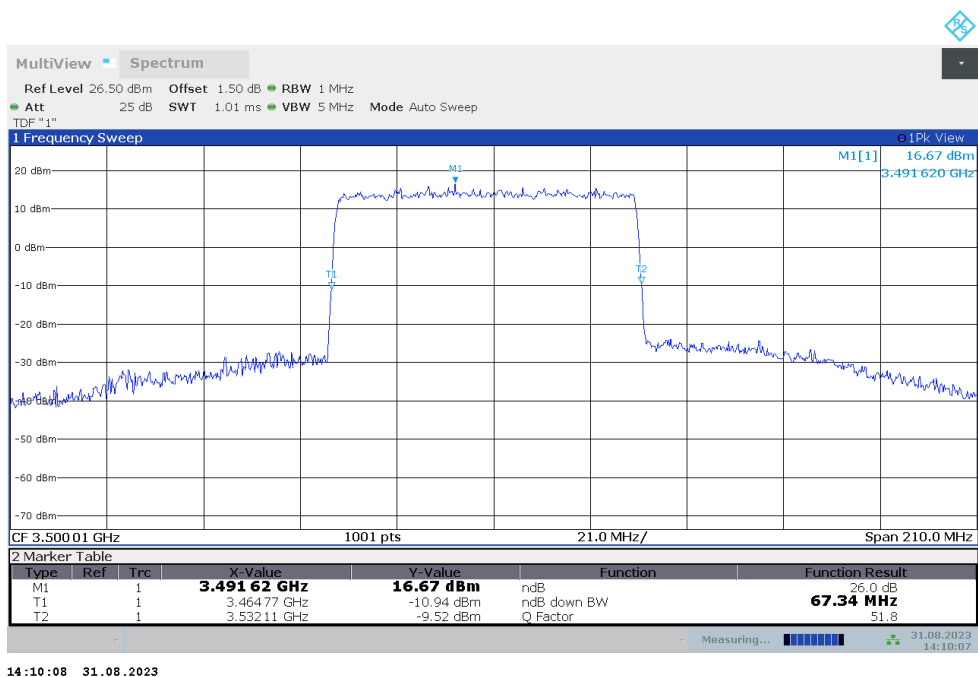
n78L

n78L,80MHz(-26dBc)

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

n78L,80MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)
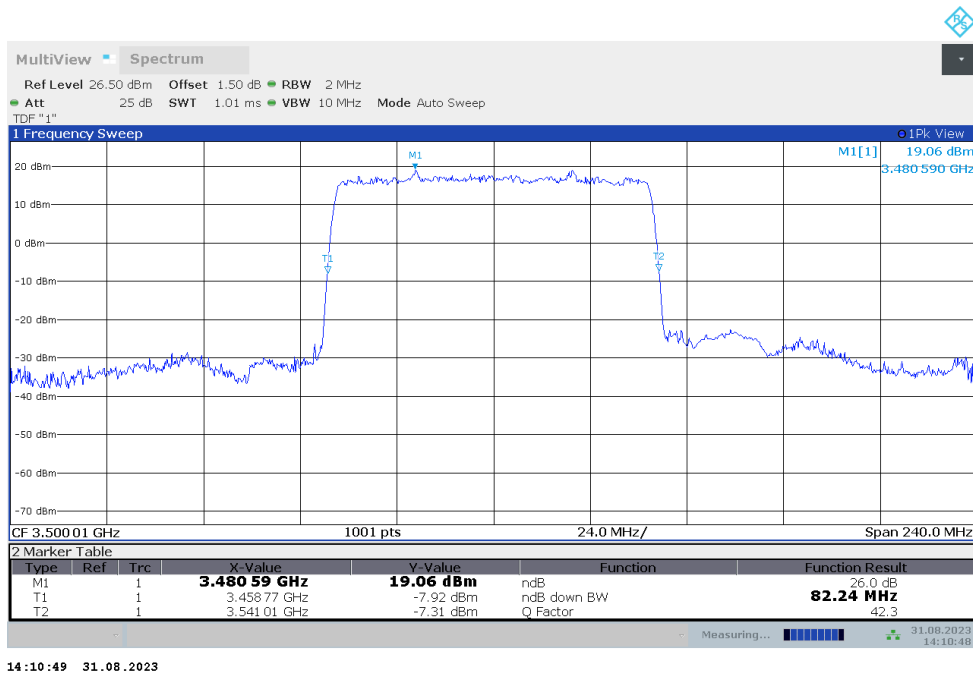
n78L,80MHz Bandwidth,DFT-s-QPSK (-26dBc BW)
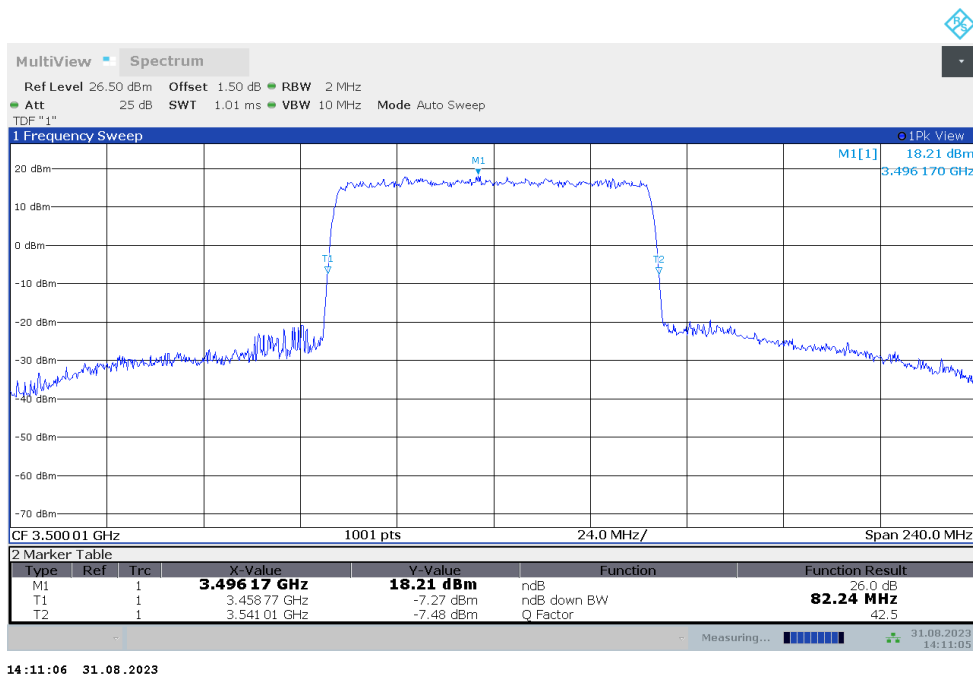
n78L

n78L,90MHz(-26dBc)

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

n78L,90MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)
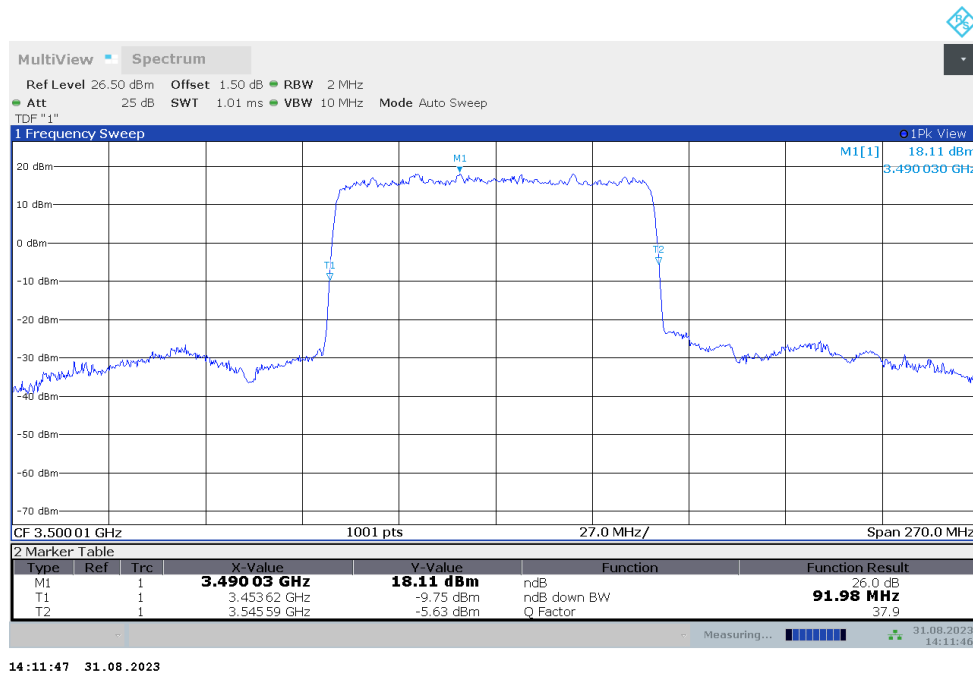
n78L,90MHz Bandwidth,DFT-s-QPSK (-26dBc BW)
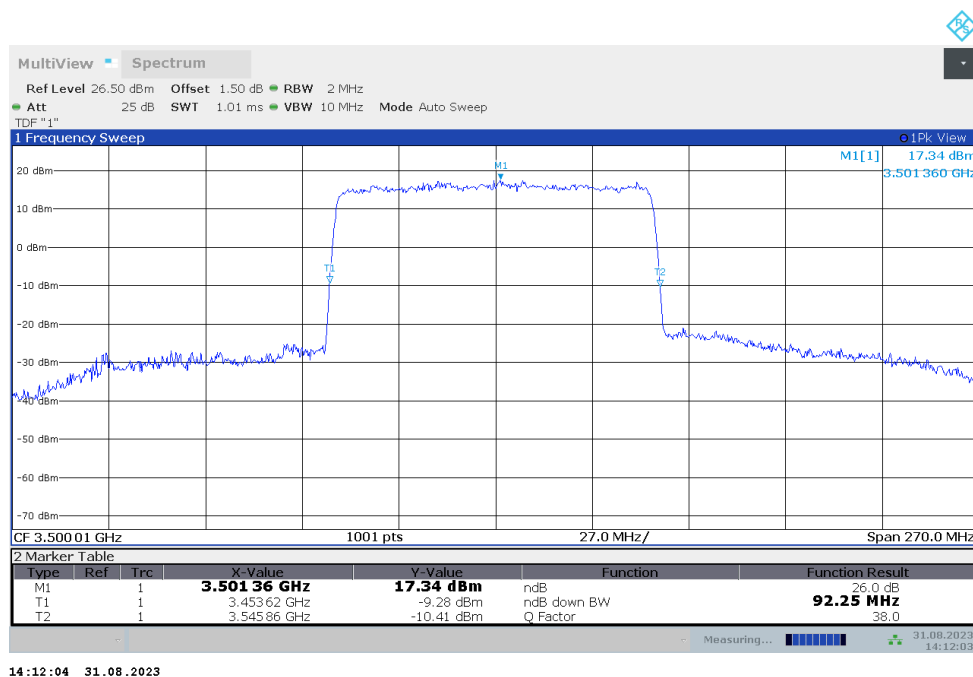
Note: The maximum value of expanded measurement uncertainty for this test item is U = 0.626 kHz, *k* = 2.

A.6 Band Edge Compliance

A.6.1 Measurement limit

Part 22.917 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(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 author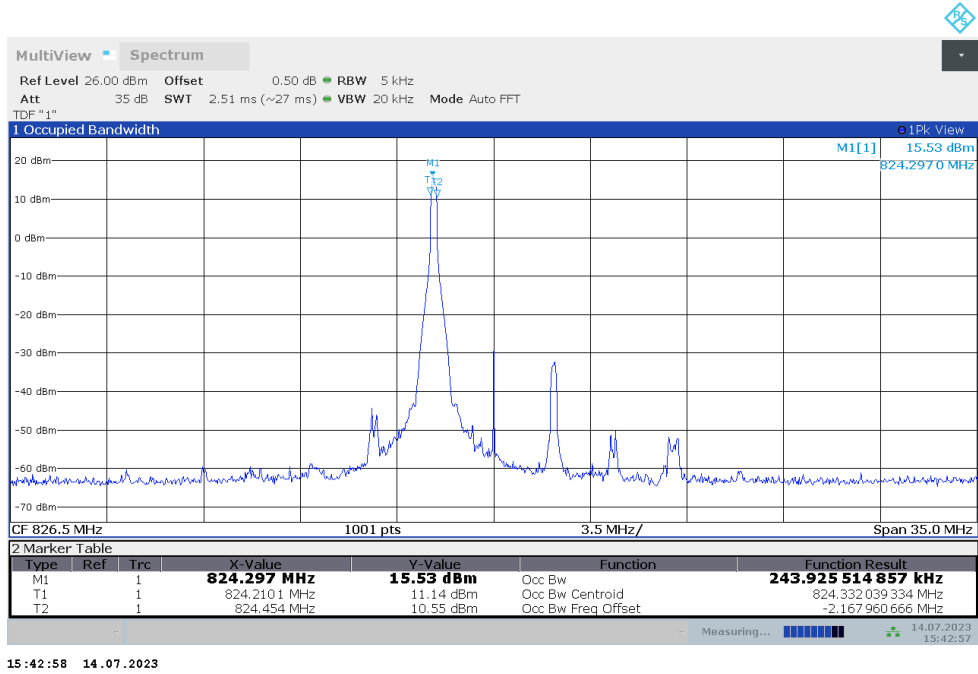ized bandwidth shall not exceed −13 dBm/MHz. Compliance with this paragraph (l)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum 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.

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

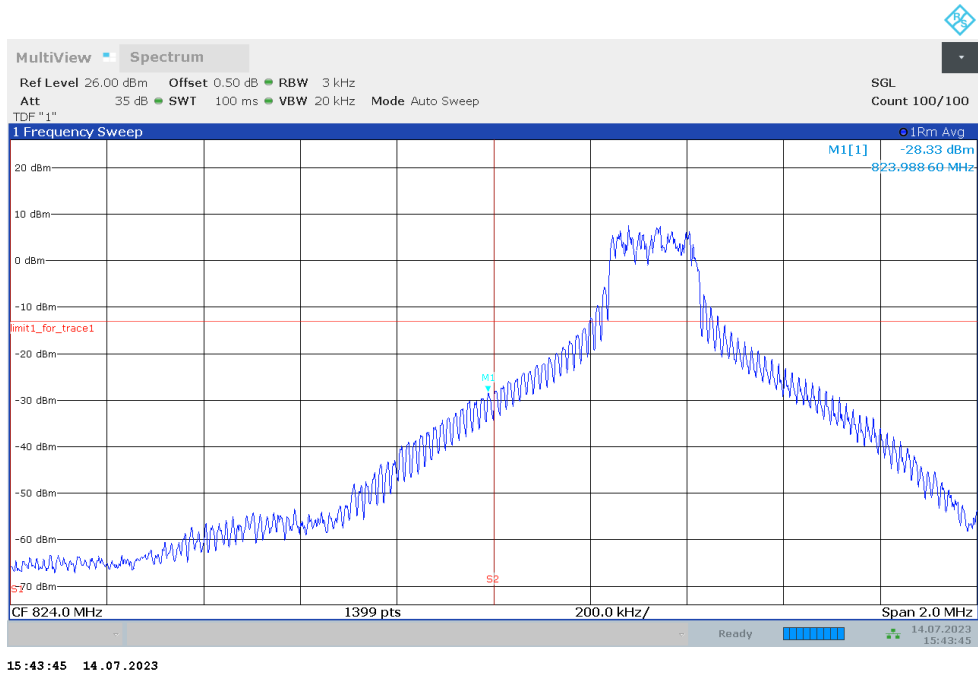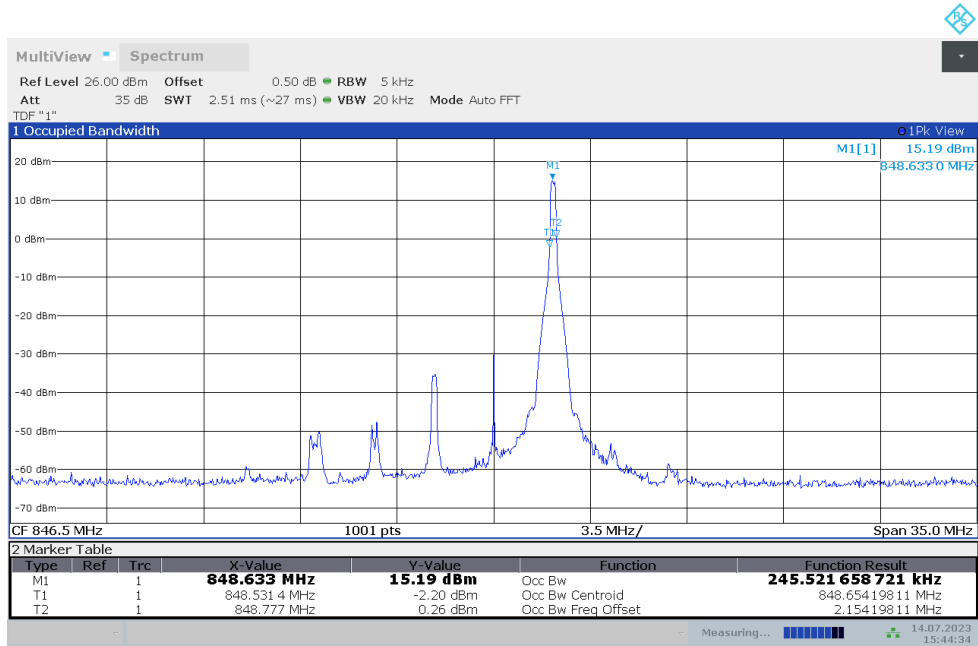## A.6.2 Measurement result
NR n5
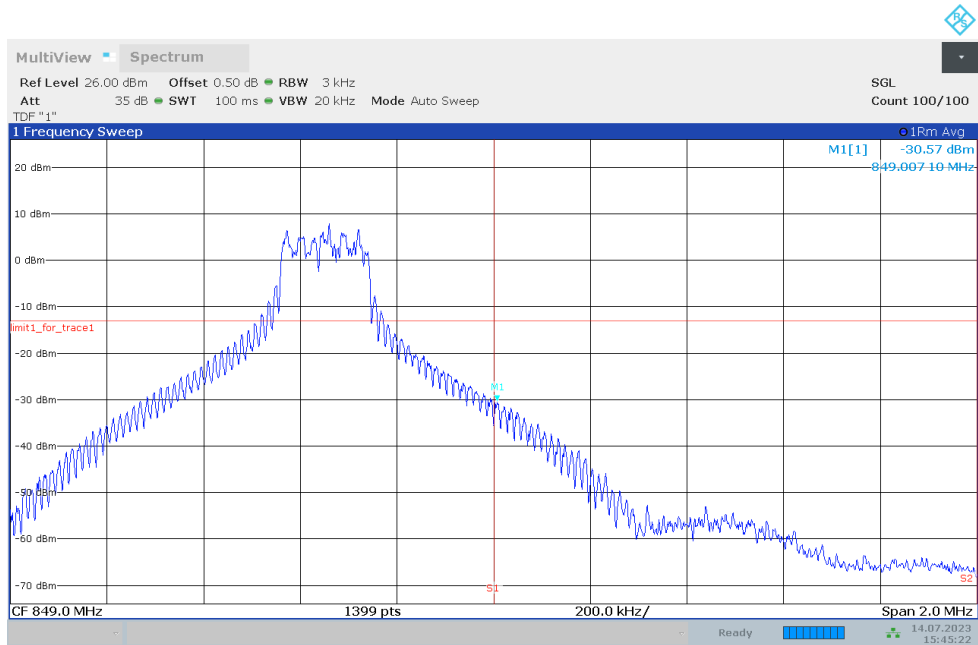
OBW: 1RB-LOW_offset

LOW BAND EDGE BLOCK-1RB-LOW_offset

OBW: 1RB-HIGH_offset


```
MultiView   Spectrum
Ref Level 26.00 dBm   Offset      0.50 dB ● RBW  5 kHz
Att          35 dB   SWT  2.51 ms (~27 ms) ● VBW 20 kHz   Mode Auto FFT
TDF "1"
1 Occupied Bandwidth                                          ● 1Pk View
                                                    M1[1]      15.19 dBm
                                                    848.633 0 MHz
 20 dBm                                       M1
 10 dBm
  0 dBm                                      T2
                                             T1
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
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**	**15.19 dBm**	Occ Bw	**245.521 658 721 kHz**
T1		1	848.531 4 MHz	-2.20 dBm	Occ Bw Centroid	848.654 198 11 MHz
T2		1	848.777 MHz	0.26 dBm	Occ Bw Freq Offset	2.154 198 11 MHz

```
                                              Measuring... ████████    14.07.2023
                                                                       15:44:34
```

15:44:35 14.07.2023

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 20 kHz   Mode Auto Sweep      Count 100/100
TDF "1"
1 Frequency Sweep                                          ● 1Rm Avg
                                                    M1[1]     -30.57 dBm
                                                    849.007 10 MHz
 20 dBm
 10 dBm
  0 dBm
-10 dBm
limit1_for_trace1
-20 dBm
-30 dBm                                       M1
-40 dBm
-50 dBm
-60 dBm
-70 dBm                              S1                                    S2
CF 849.0 MHz              1399 pts           200.0 kHz/          Span 2.0 MHz
                                              Ready ████████    14.07.2023
                                                                15:45:22
```

15:45:23 14.07.2023

LOW BAND EDGE BLOCK-20M-100%RB

15:46:43 14.07.2023

HIGH BAND EDGE BLOCK-20M-100%RB

15:47:52 14.07.2023
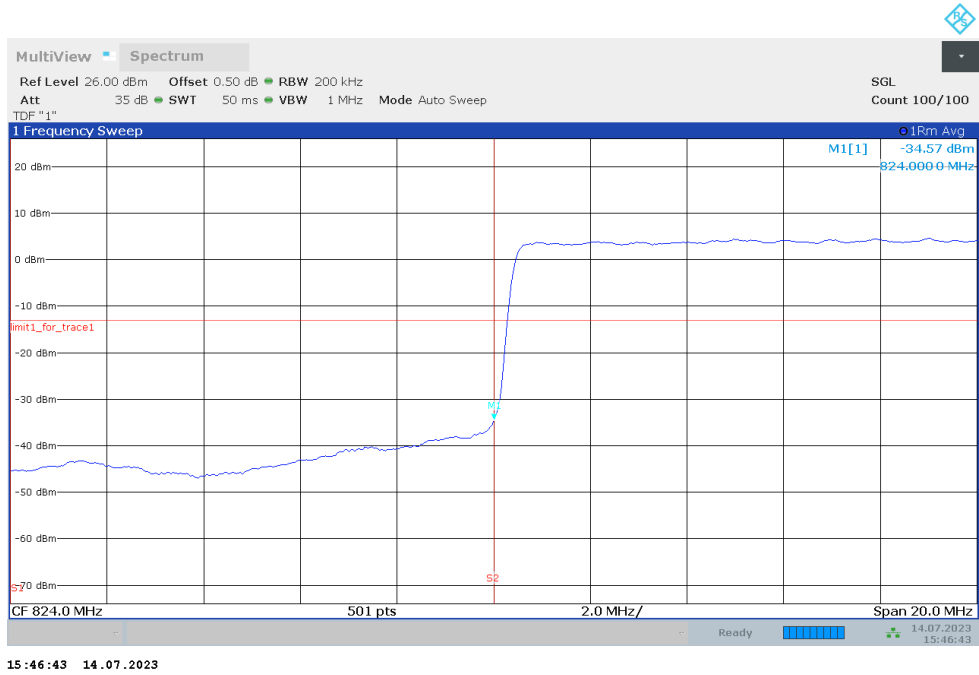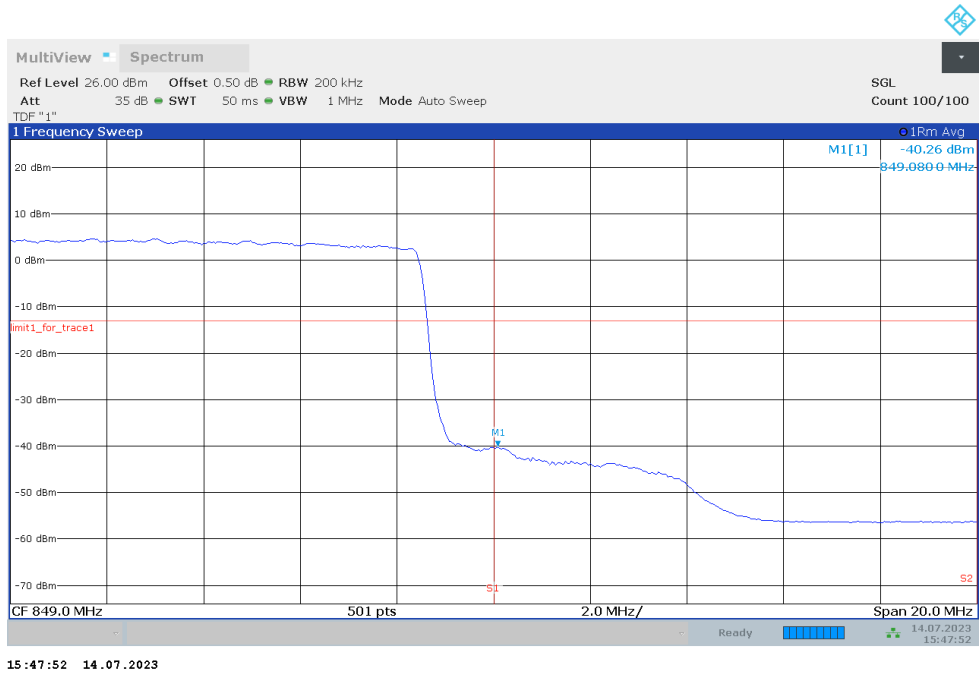
NR n7
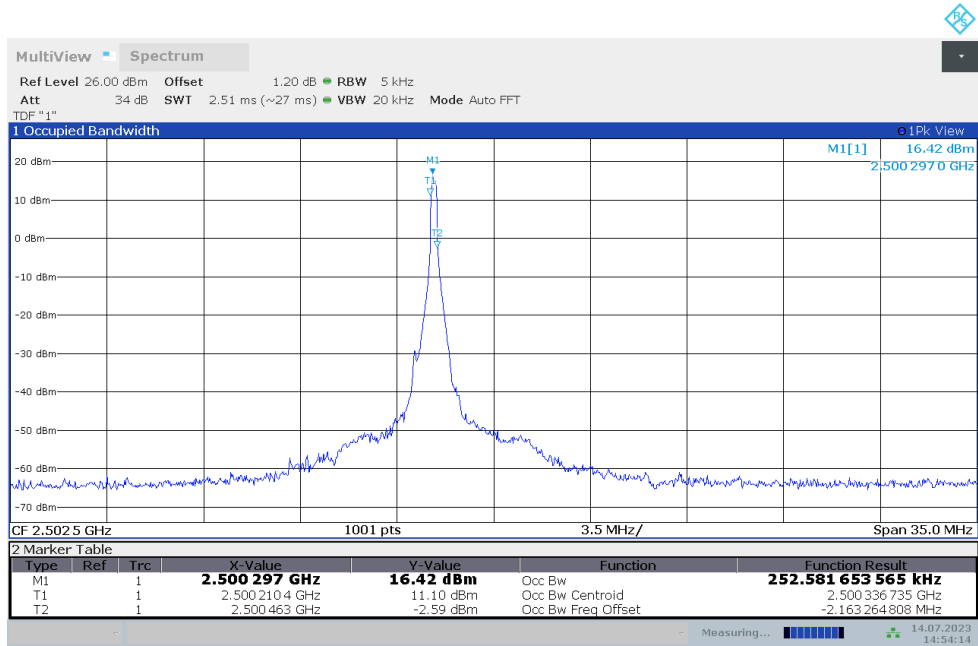
OBW: 1RB-LOW_offset

14:54:15 14.07.2023

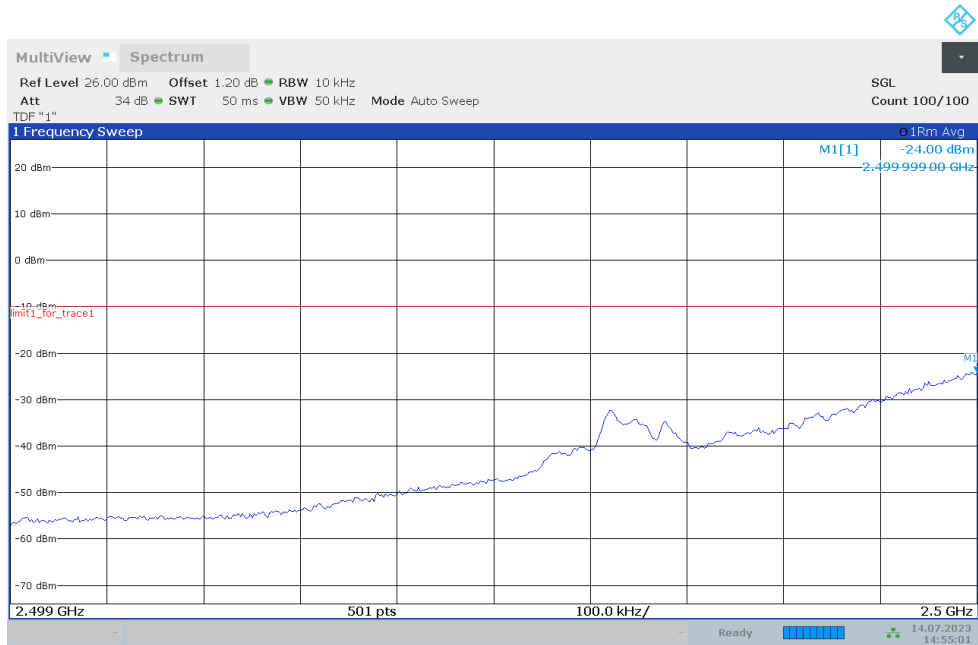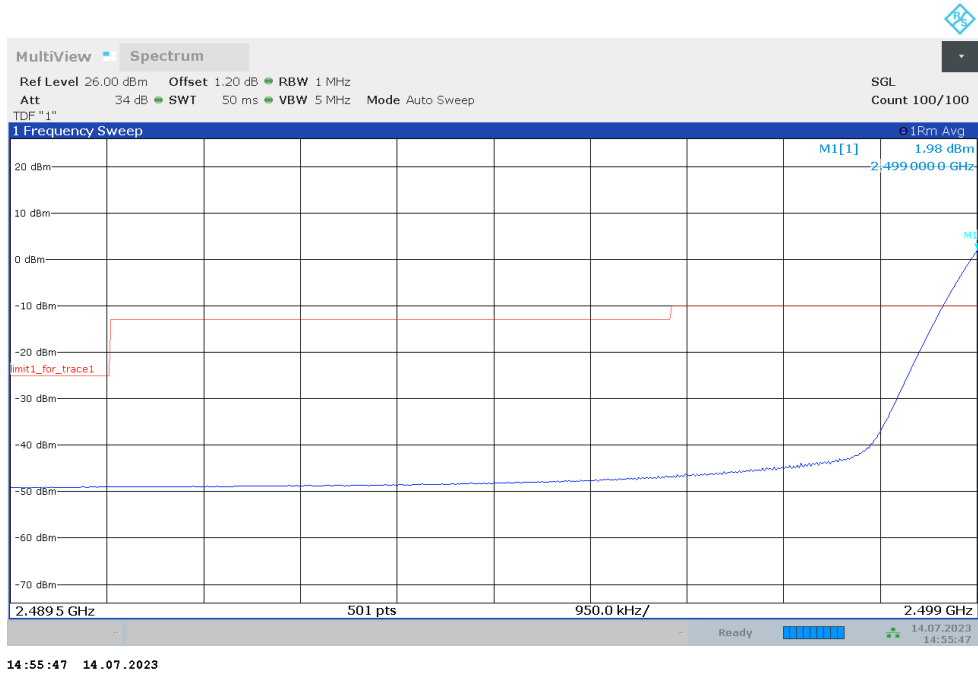**LOW BAND EDGE BLOCK-1RB-LOW_offset**

14:55:01 14.07.2023

LOW BAND EDGE BLOCK-1RB-LOW_offset

14:55:47   14.07.2023
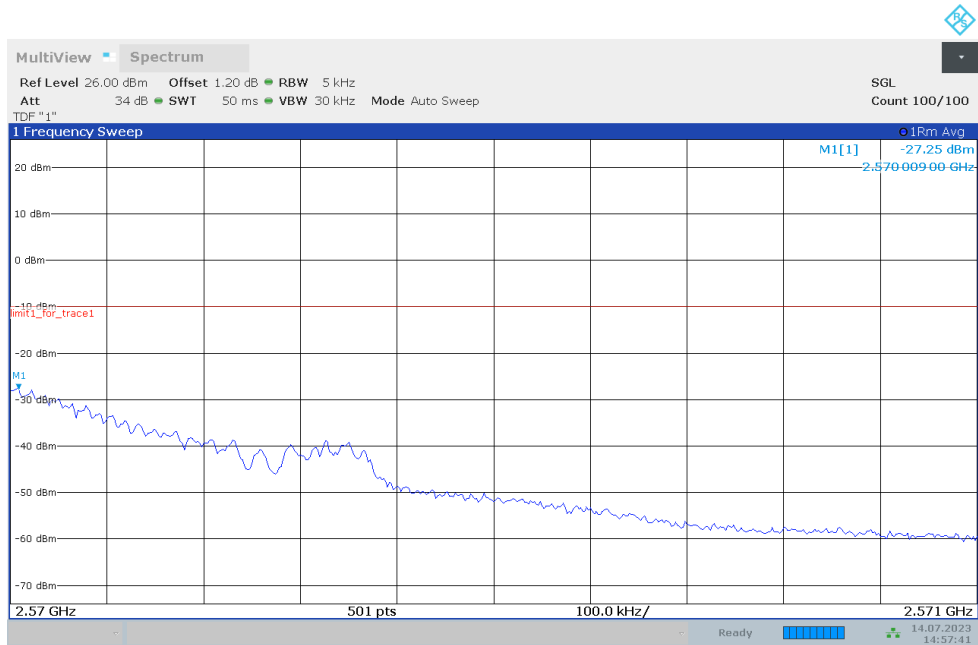
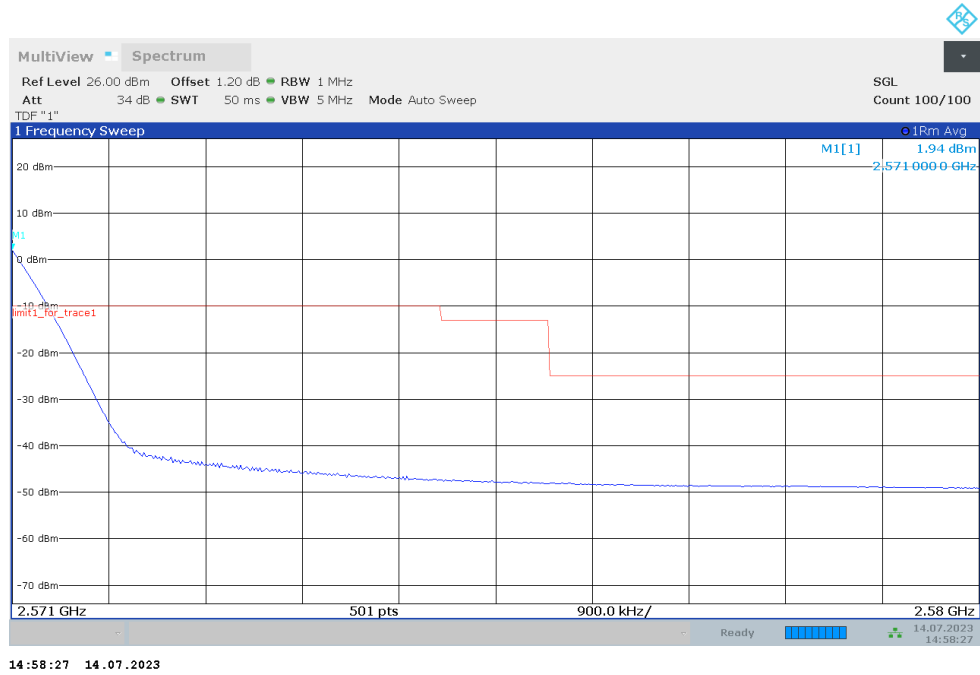## Channel power
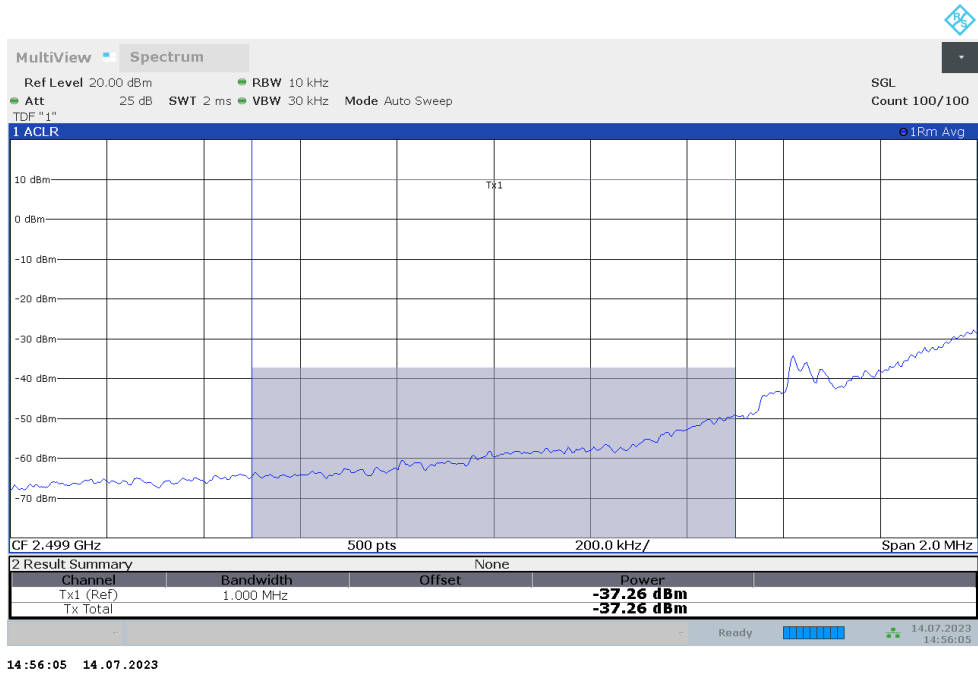
14:56:05   14.07.2023
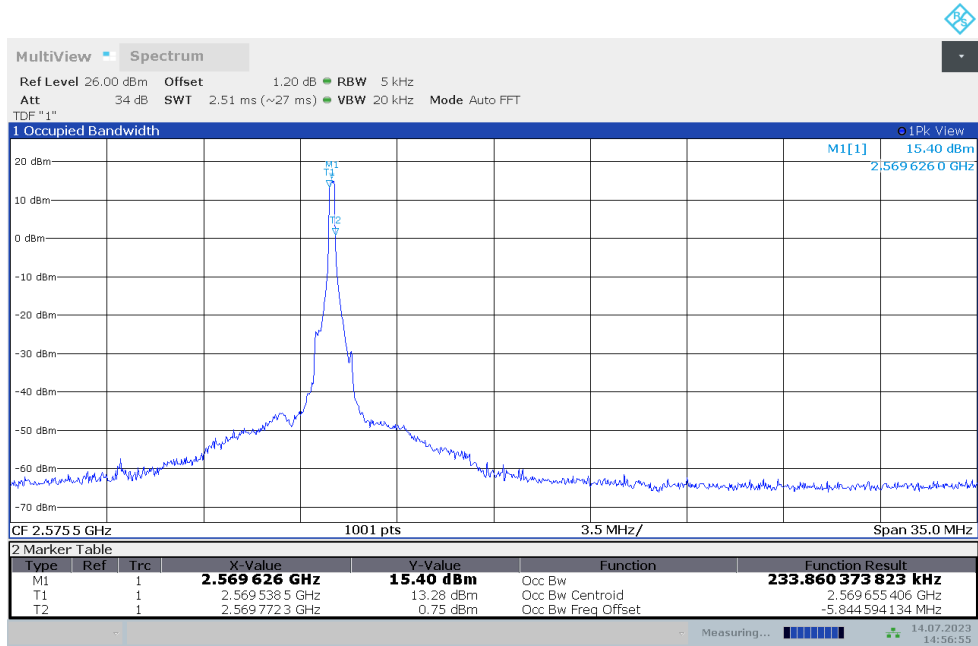
OBW: 1RB-HIGH_offset

14:56:55 14.07.2023

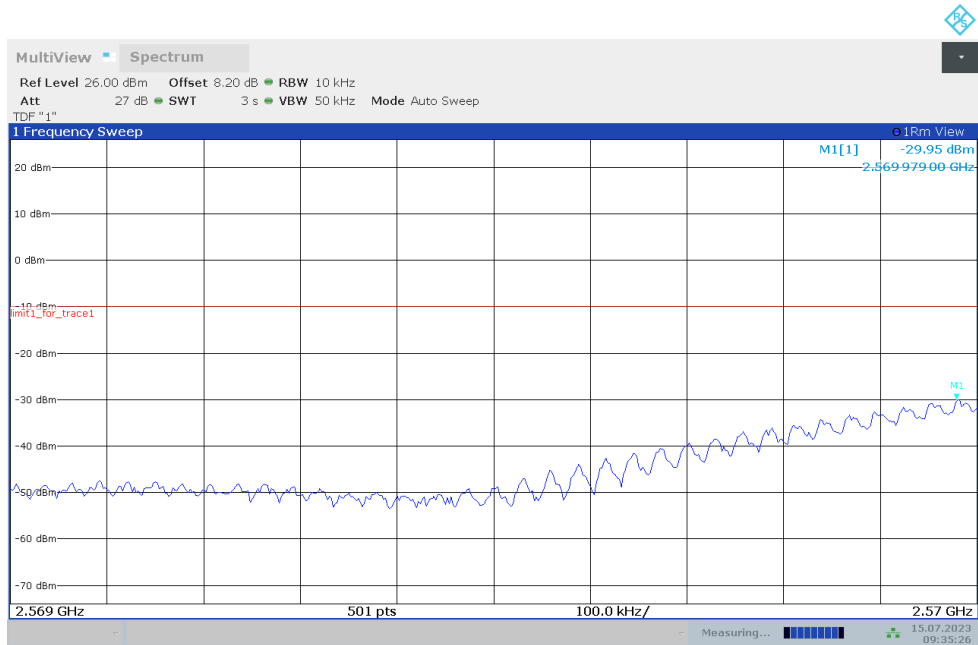## HIGH BAND EDGE BLOCK-1RB-HIGH_offset

14:57:41 14.07.2023

HIGH BAND EDGE BLOCK-1RB-HIGH_offset
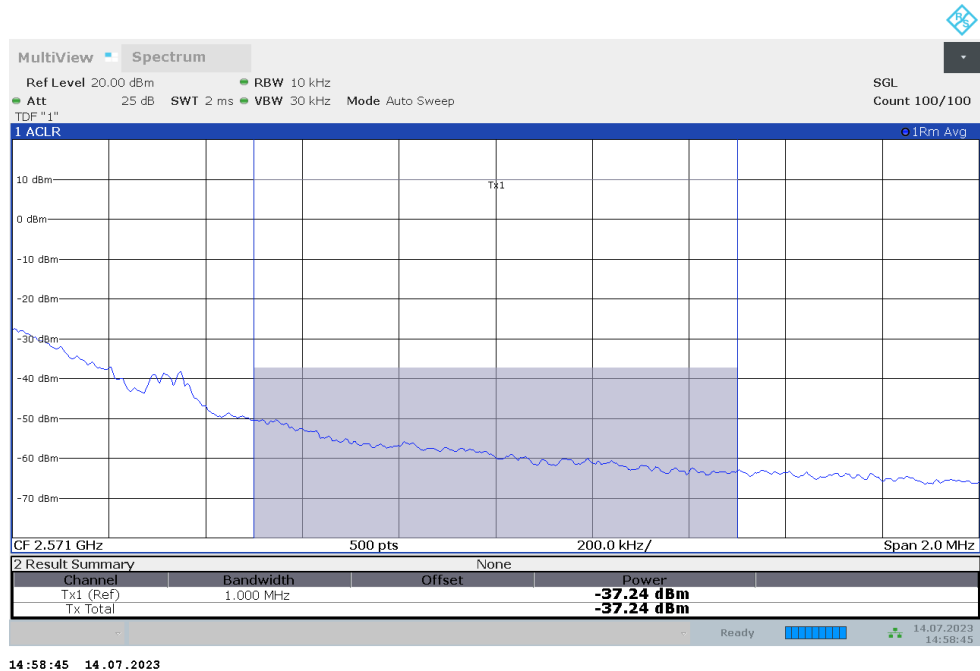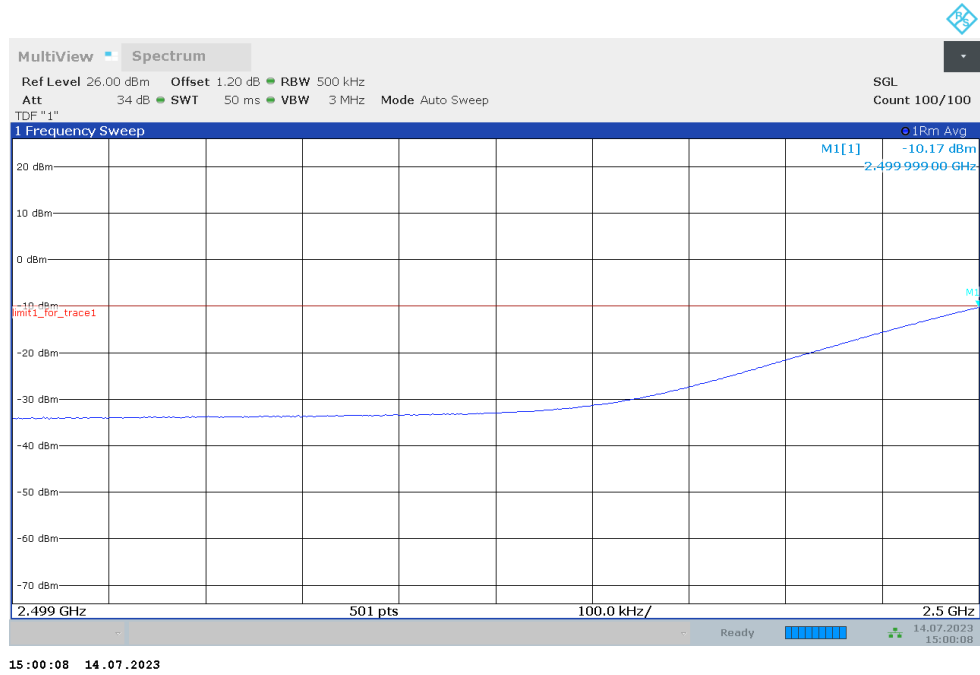
14:58:27 14.07.2023

Channel power

14:58:45 14.07.2023

LOW BAND EDGE BLOCK-20M-100%RB

15:00:08 14.07.2023

LOW BAND EDGE BLOCK-20M-100%RB

15:00:54 14.07.2023

HIGH BAND EDGE BLOCK-20M-100%RB

15:02:05 14.07.2023

HIGH BAND EDGE BLOCK-20M-100%RB

15:02:51 14.07.2023
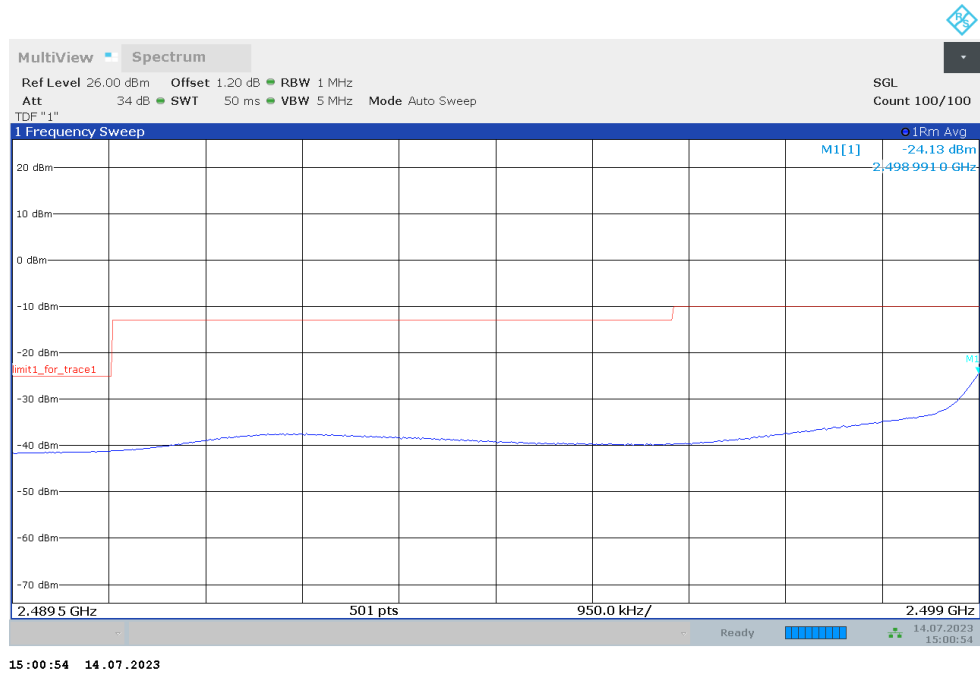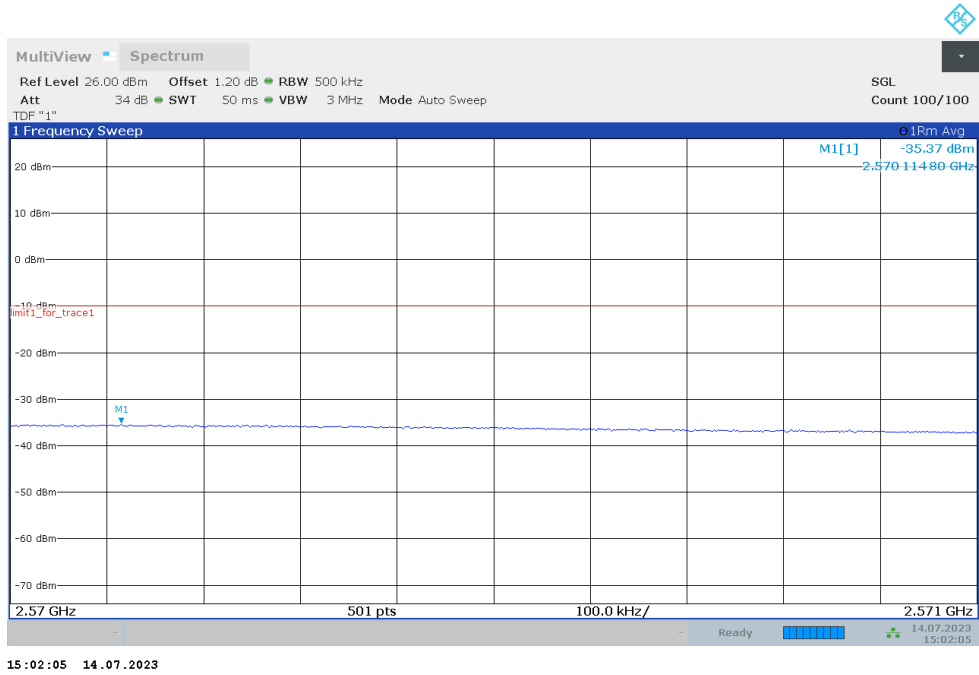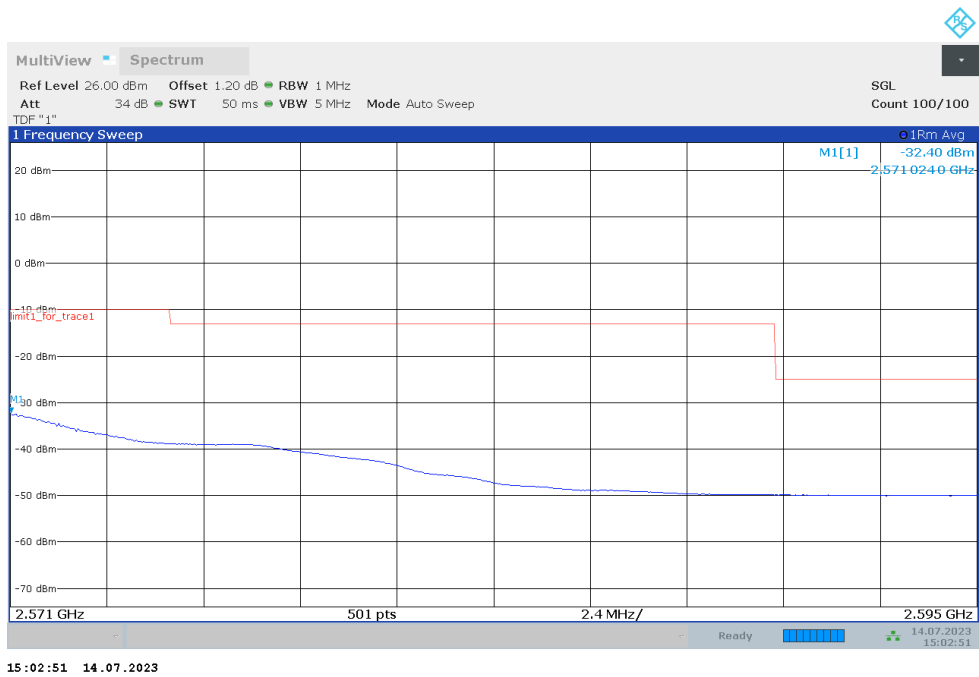
NR n38
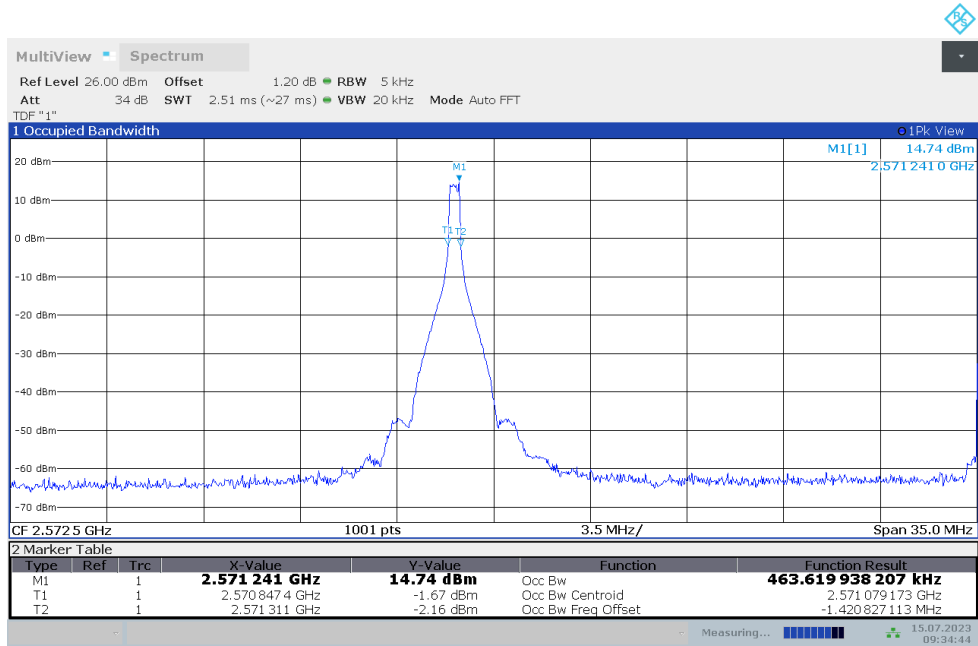
OBW: 1RB-LOW_offset

09:34:45 15.07.2023

LOW BAND EDGE BLOCK-1RB-LOW_offset

09:35:26 15.07.2023

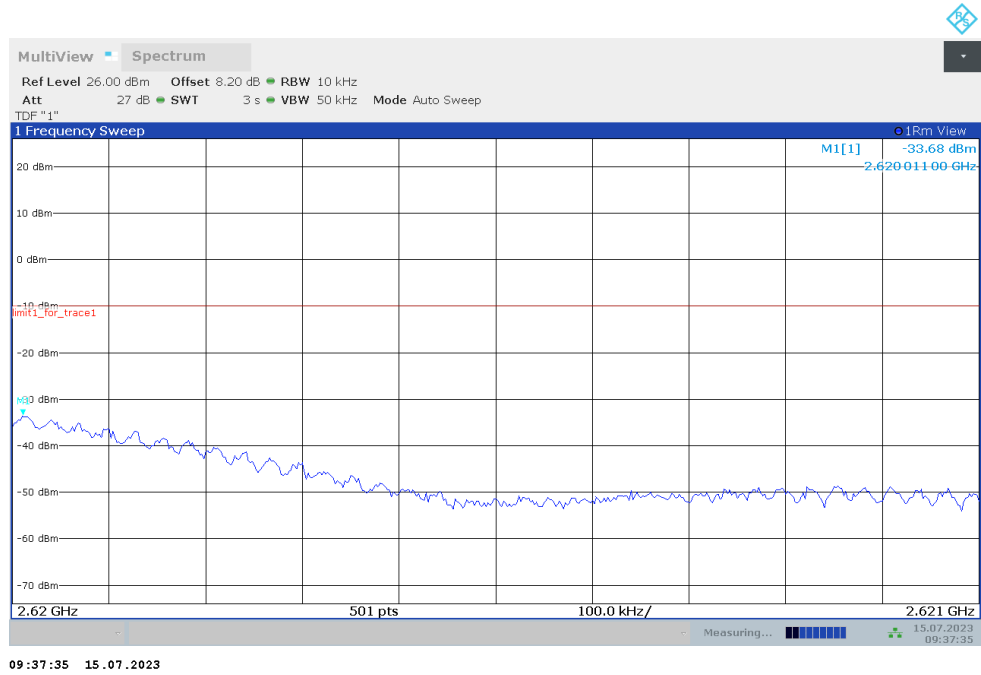## LOW BAND EDGE BLOCK-1RB-LOW_offset
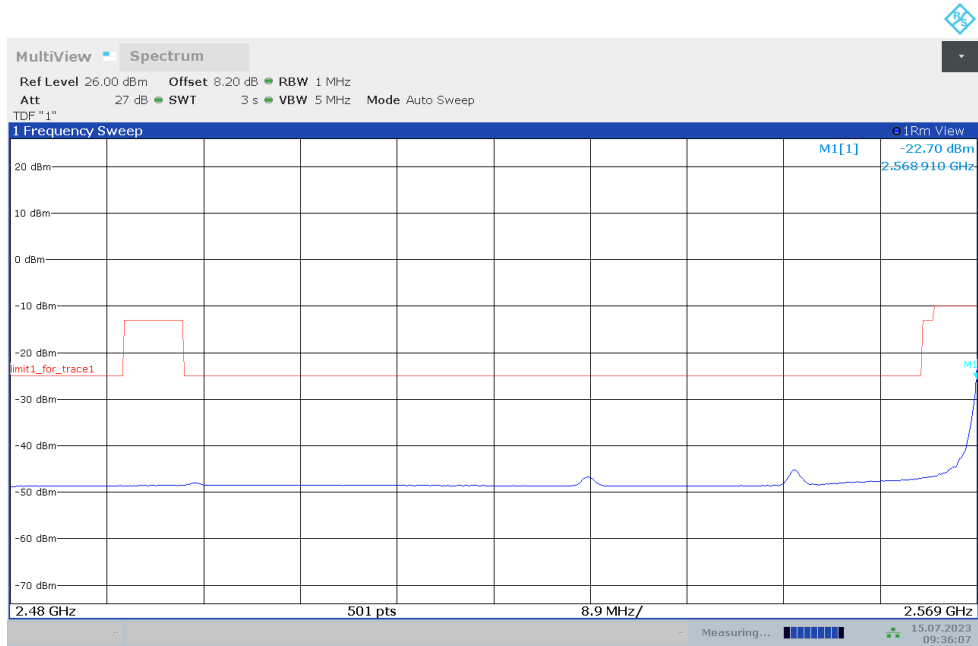
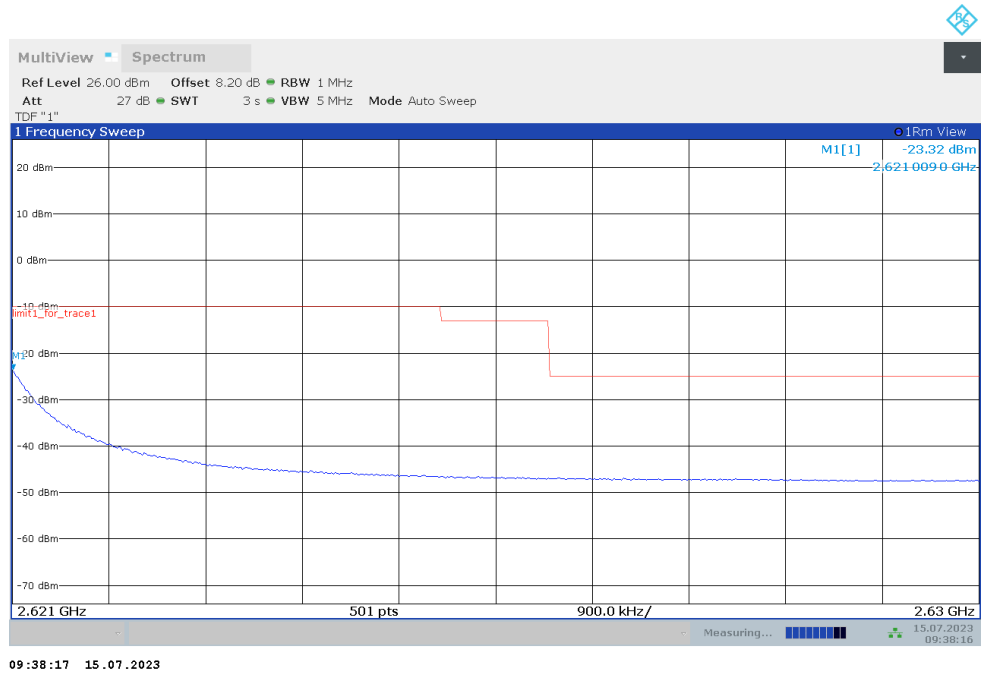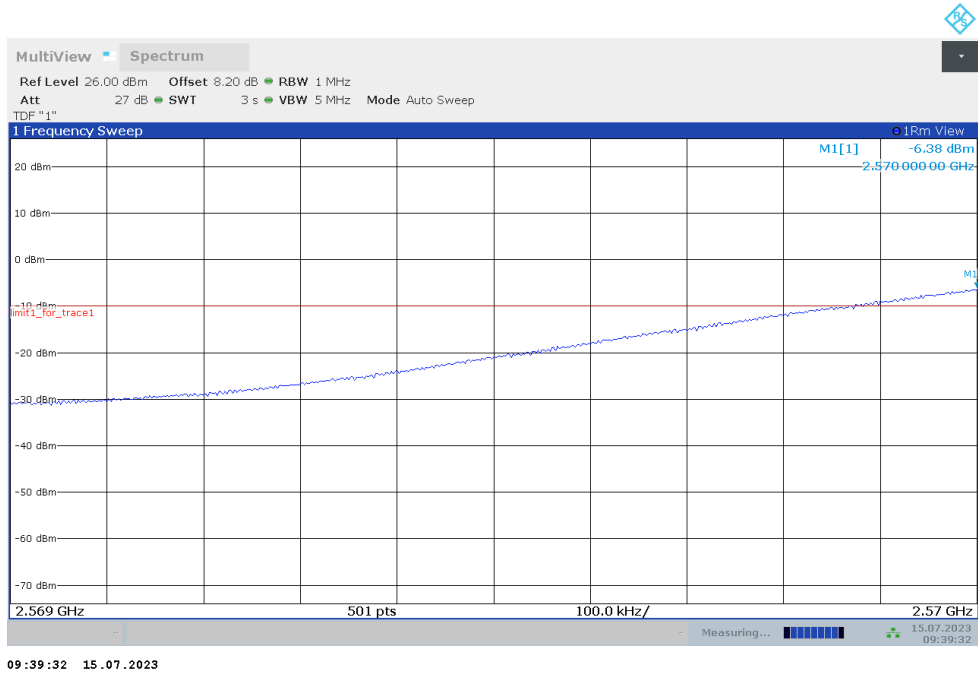09:36:07 15.07.2023

OBW: 1RB-HIGH_offset

09:36:54 15.07.2023

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

09:37:35 15.07.2023

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

09:38:17 15.07.2023

LOW BAND EDGE BLOCK-40M-100%RB

MultiView ◾ Spectrum

Ref Level 26.00 dBm   Offset 8.20 dB ● RBW 1 MHz
Att   27 dB ● SWT   3 s ● VBW 5 MHz   Mode Auto Sweep
TDF "1"

1 Frequency Sweep   ●1Rm View

M1[1]	-6.38 dBm
	2.570 000 00 GHz

20 dBm

10 dBm

0 dBm

–10 dBm
limit1_for_trace1

–20 dBm

–30 dBm

–40 dBm

–50 dBm

–60 dBm

–70 dBm

| 2.569 GHz | 501 pts | 100.0 kHz/ | 2.57 GHz |

Measuring... ▮▮▮▮▮▮▮ 15.07.2023 09:39:32

09:39:32 15.07.2023

Channel power

MultiView ◾ Spectrum

Ref Level 20.00 dBm   Offset 7.00 dB ● RBW 10 kHz
● Att   25 dB ● SWT   3 s ● VBW 30 kHz   Mode Auto Sweep
TDF "1"

1 ACLR   ●1Rm View

10 dBm

0 dBm

–10 dBm

–20 dBm   Tx1

–30 dBm

–40 dBm

–50 dBm

–60 dBm

–70 dBm

| CF 2.57 GHz | 500 pts | 200.0 kHz/ | Span 2.0 MHz |

2 Result Summary   None

Channel	Bandwidth	Offset	Power
Tx1 (Ref)	1.000 MHz		**-25.94 dBm**
Tx Total			**-25.94 dBm**

Measuring... ▮▮▮▮▮▮▮ 15.07.2023 09:39:49

09:39:49 15.07.2023

LOW BAND EDGE BLOCK-40M-100%RB

09:40:31 15.07.2023

HIGH BAND EDGE BLOCK-40M-100%RB

09:41:38 15.07.2023

HIGH BAND EDGE BLOCK-40M-100%RB
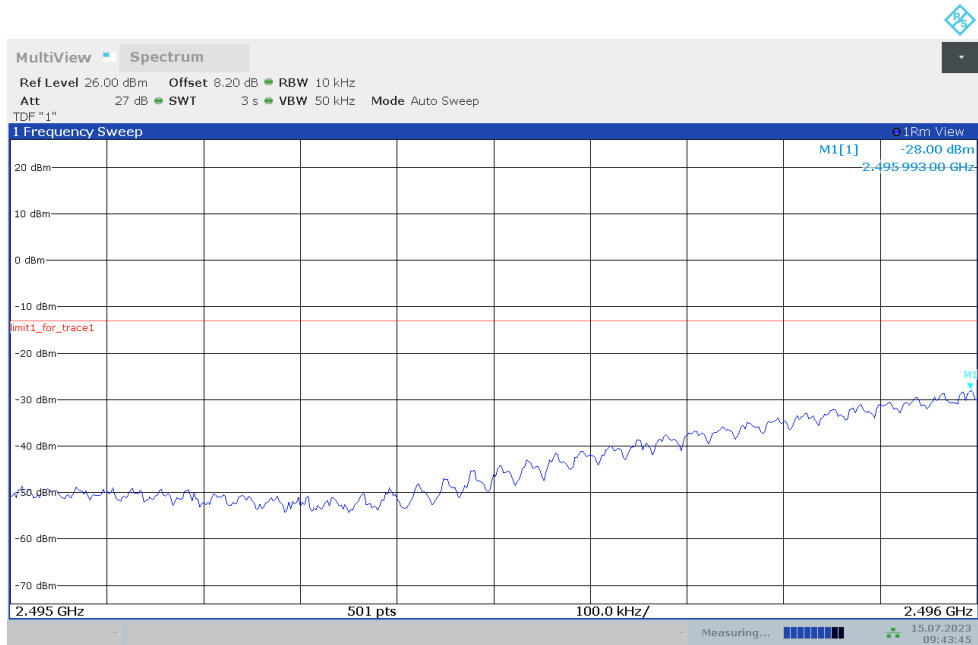

09:42:19 15.07.2023
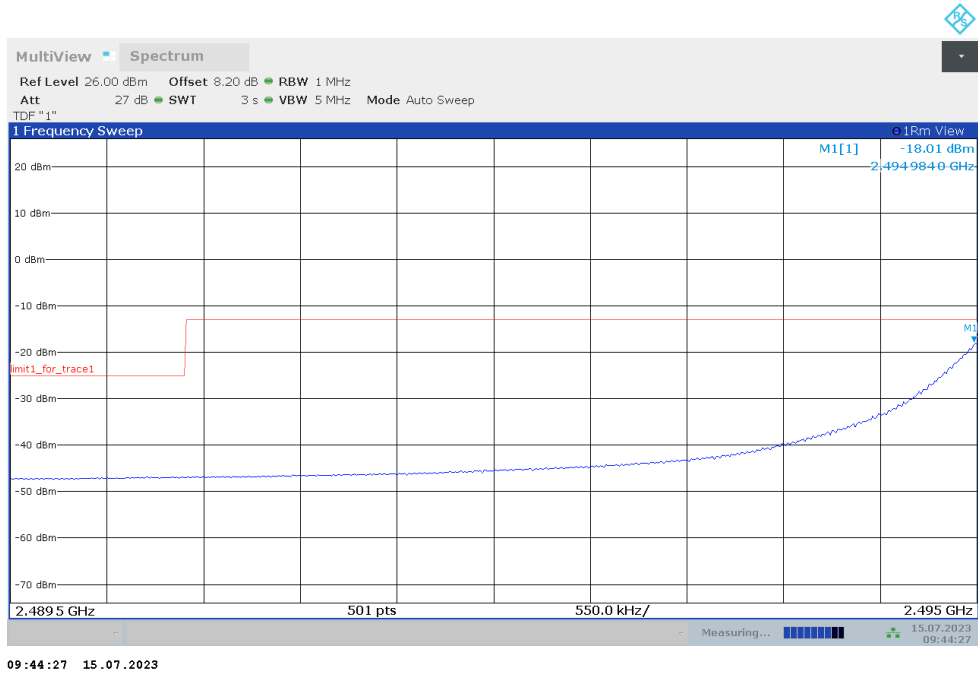
NR n41

OBW: 1RB-LOW_offset

09:43:04 15.07.2023

LOW BAND EDGE BLOCK-1RB-LOW_offset

09:43:46 15.07.2023

LOW BAND EDGE BLOCK-1RB-LOW_offset
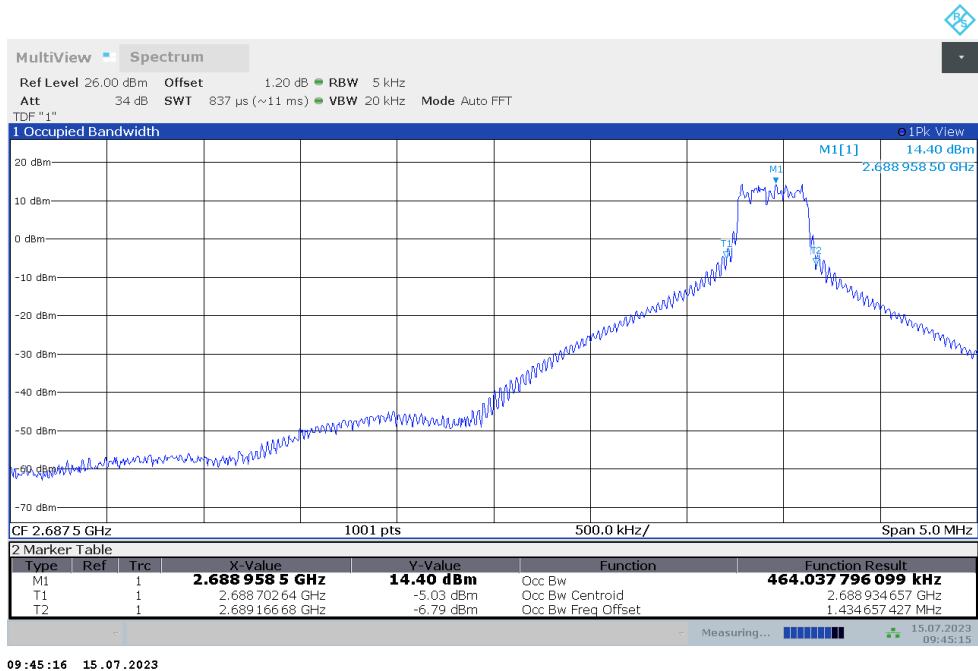
09:44:27 15.07.2023

OBW: 1RB-HIGH_offset

09:45:16 15.07.2023

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

09:45:57 15.07.2023

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

09:46:38 15.07.2023

LOW BAND EDGE BLOCK-100M-100%RB

09:47:58 15.07.2023

Channel power

09:48:15 15.07.2023

LOW BAND EDGE BLOCK-100M-100%RB

09:48:56 15.07.2023

HIGH BAND EDGE BLOCK-100M-100%RB

09:50:04 15.07.2023

HIGH BAND EDGE BLOCK-100M-100%RB

09:50:45 15.07.2023

NR n66

OBW: 1RB-LOW_offset

15:48:44 14.07.2023

LOW BAND EDGE BLOCK-1RB-LOW_offset

15:49:32 14.07.2023

OBW: 1RB-HIGH_offset

15:50:21 14.07.2023

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

15:51:09 14.07.2023

LOW BAND EDGE BLOCK-20M-100%RB

15:52:30 14.07.2023

HIGH BAND EDGE BLOCK-20M-100%RB

15:53:39 14.07.2023
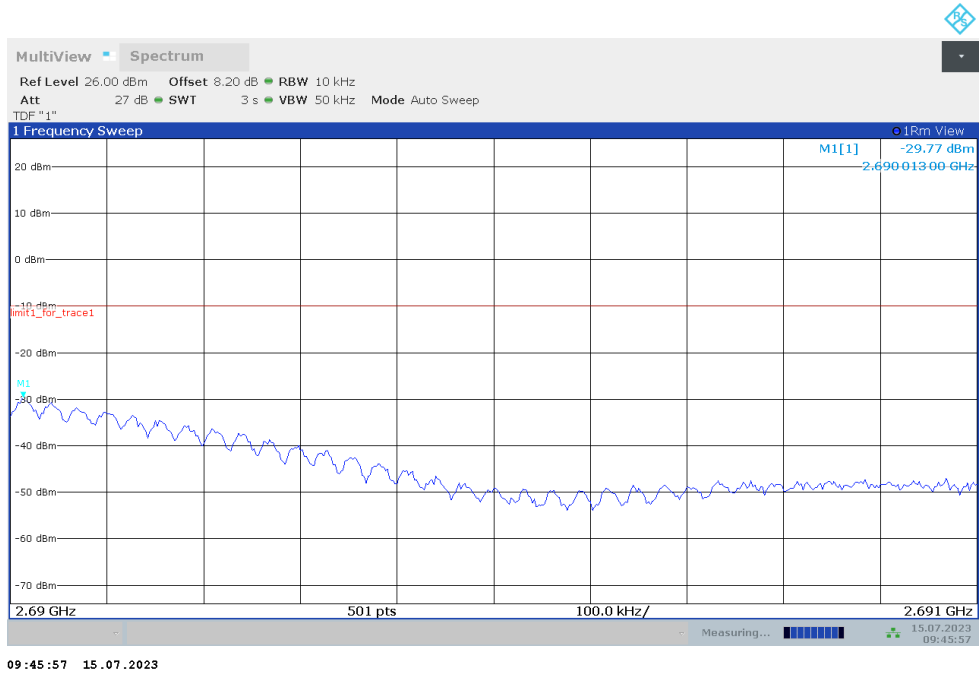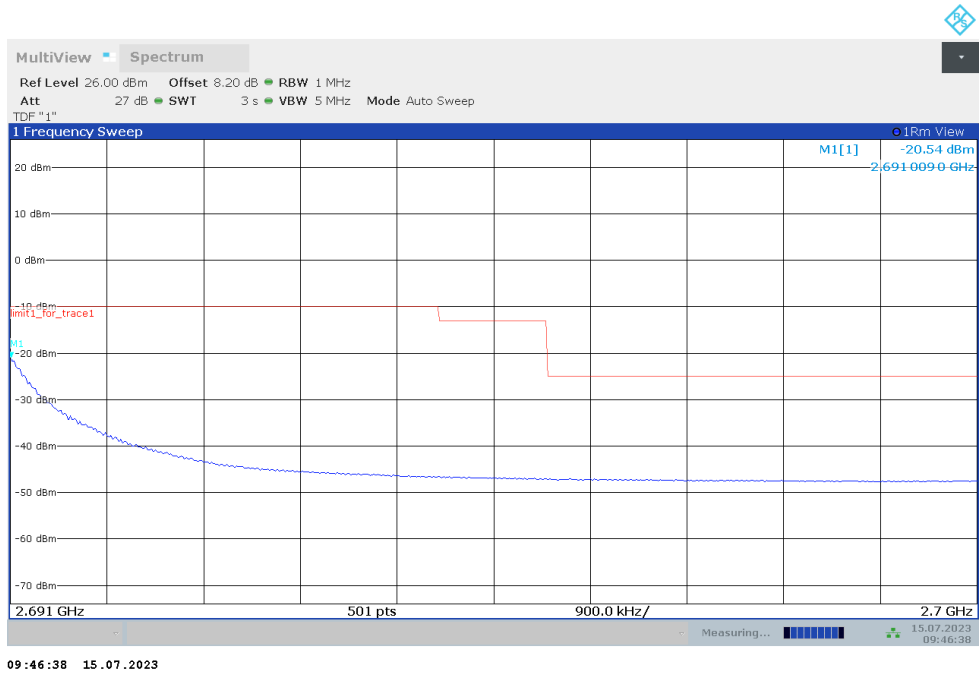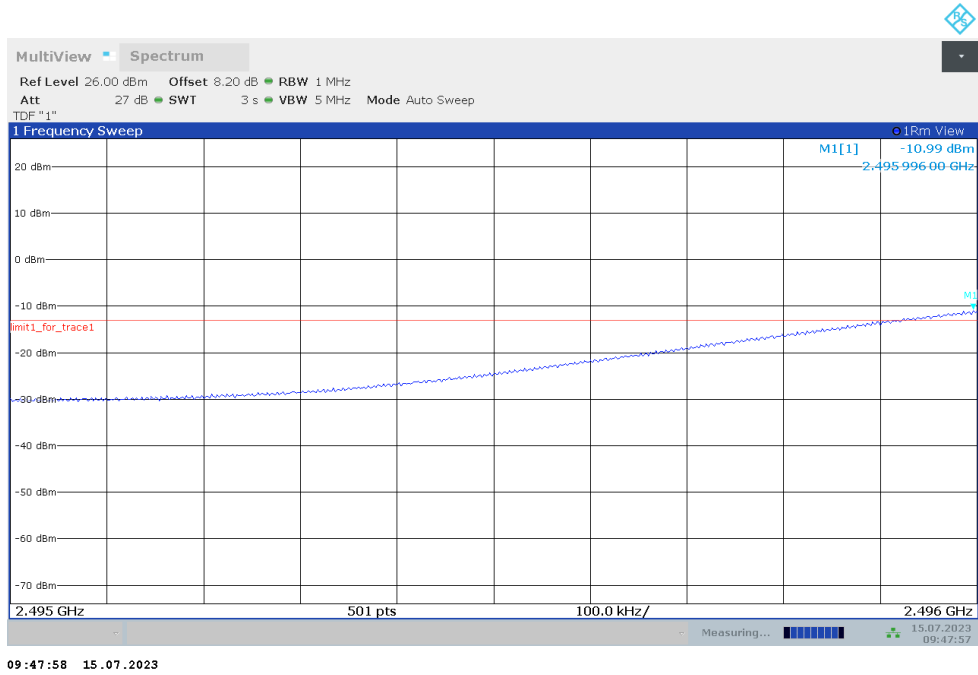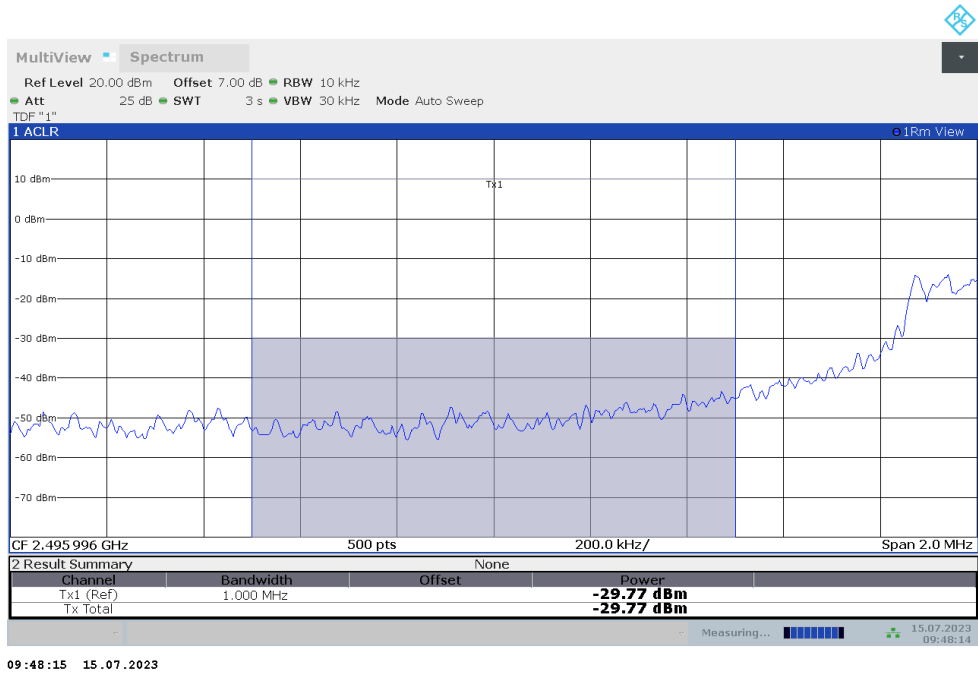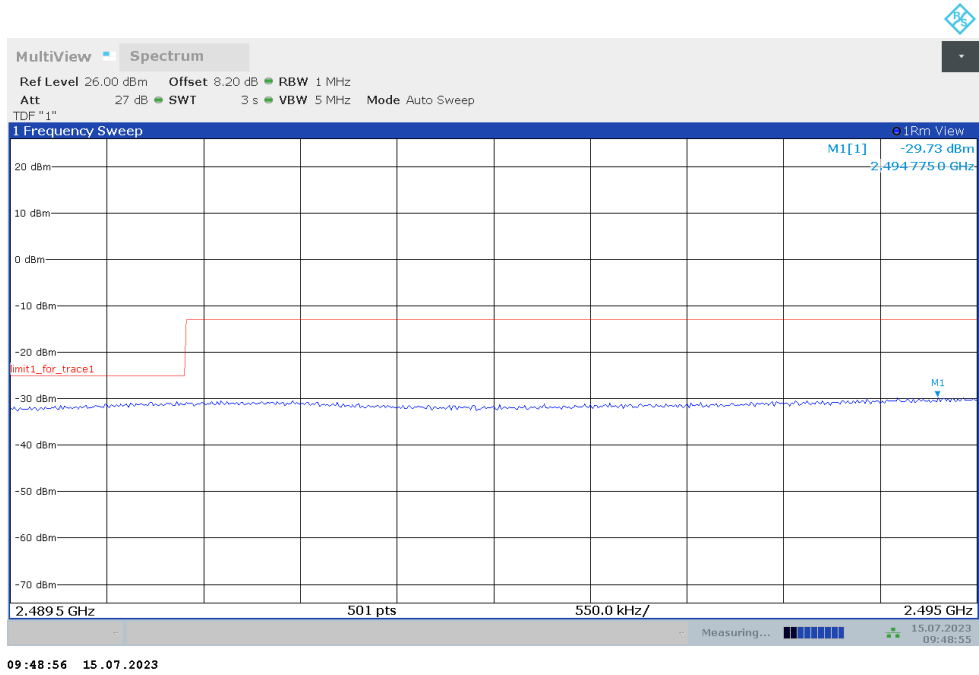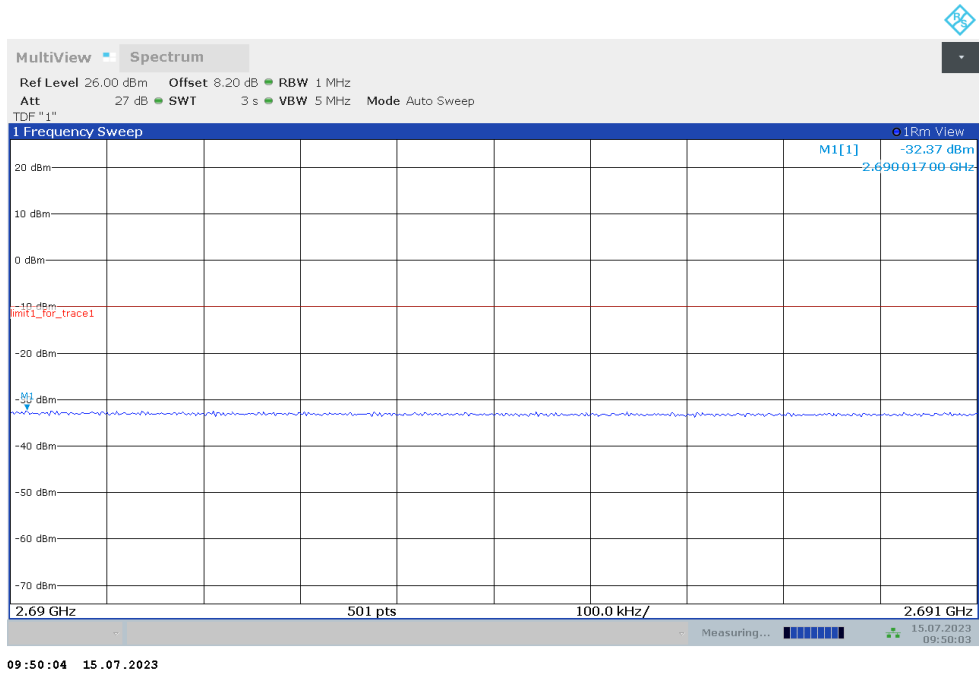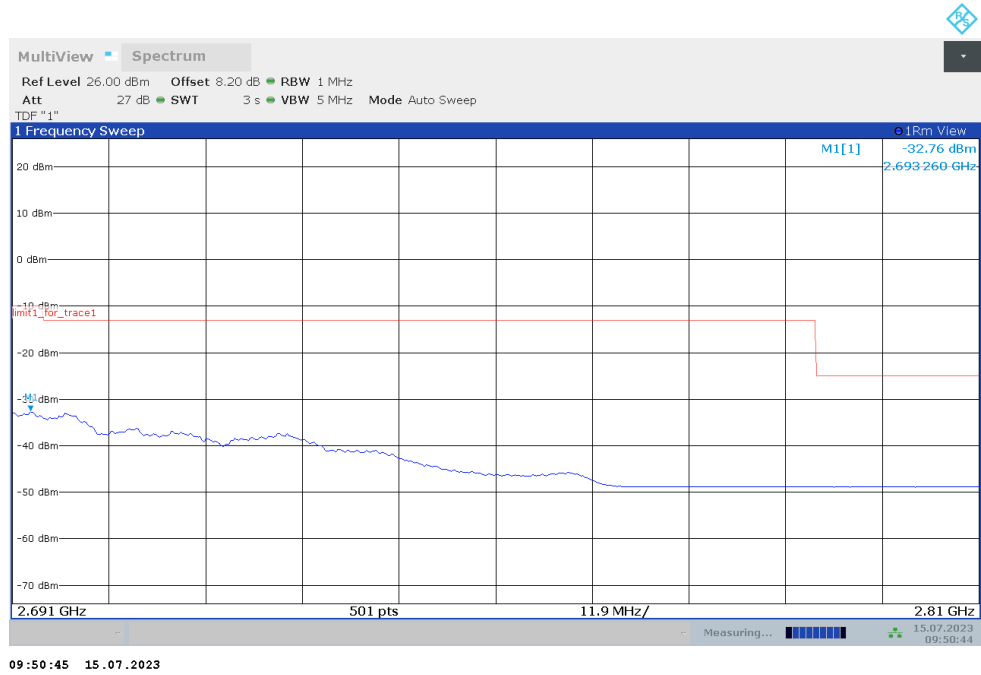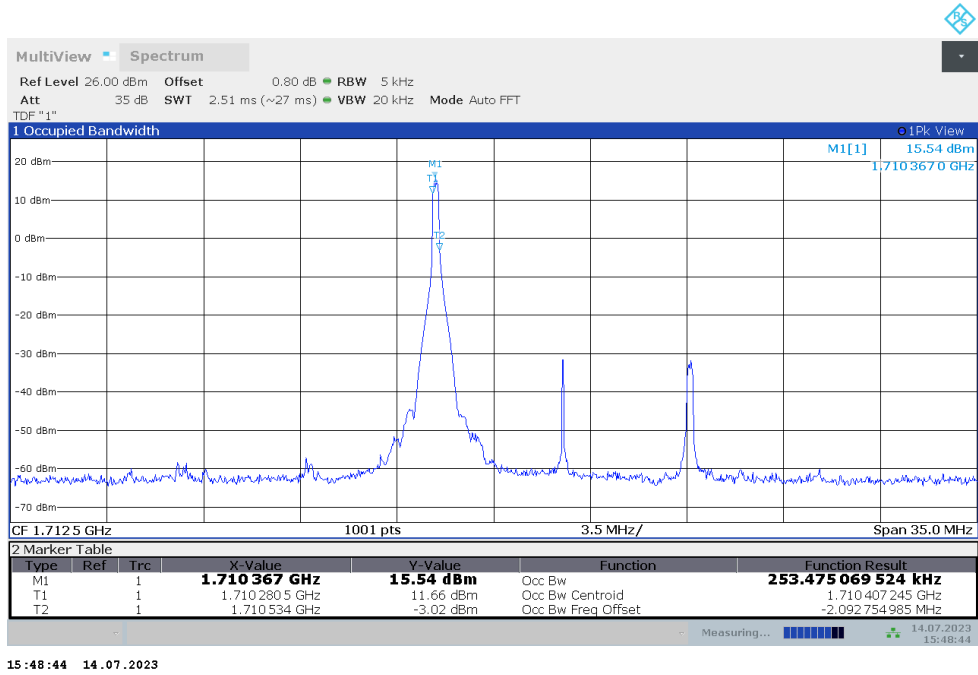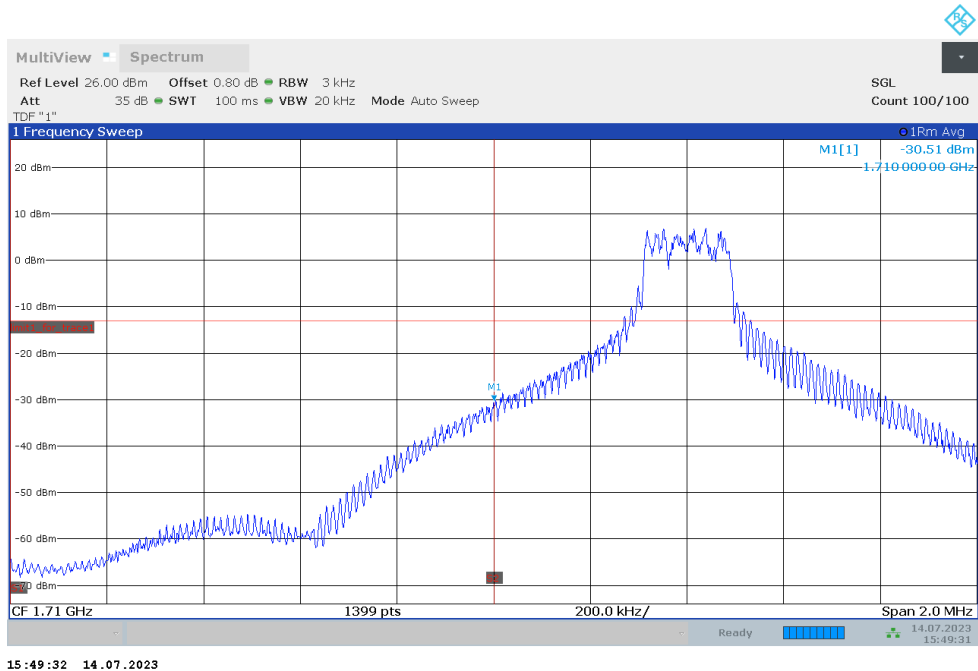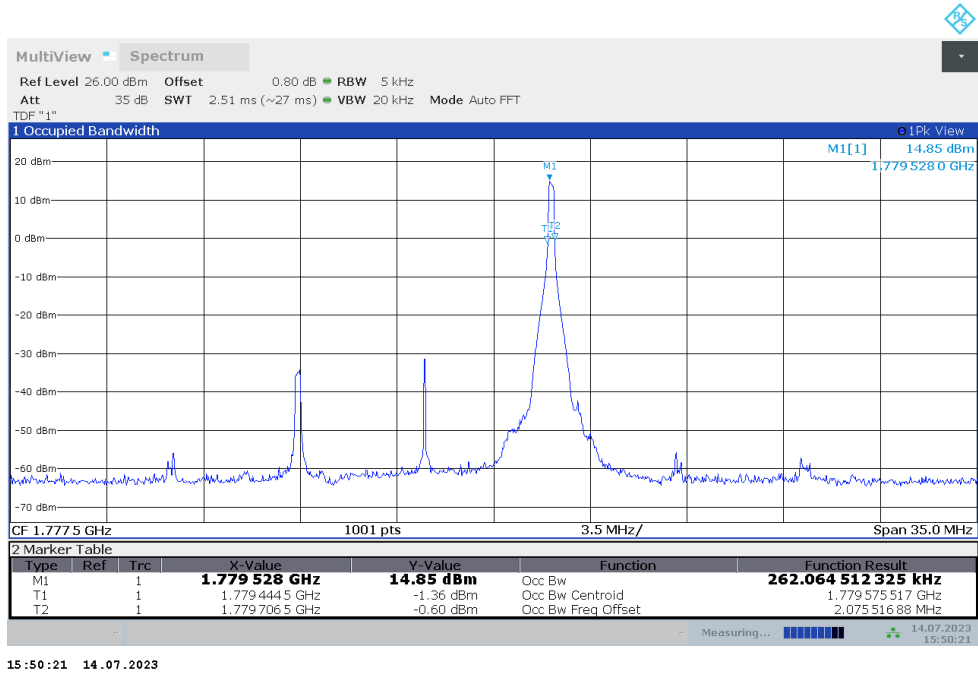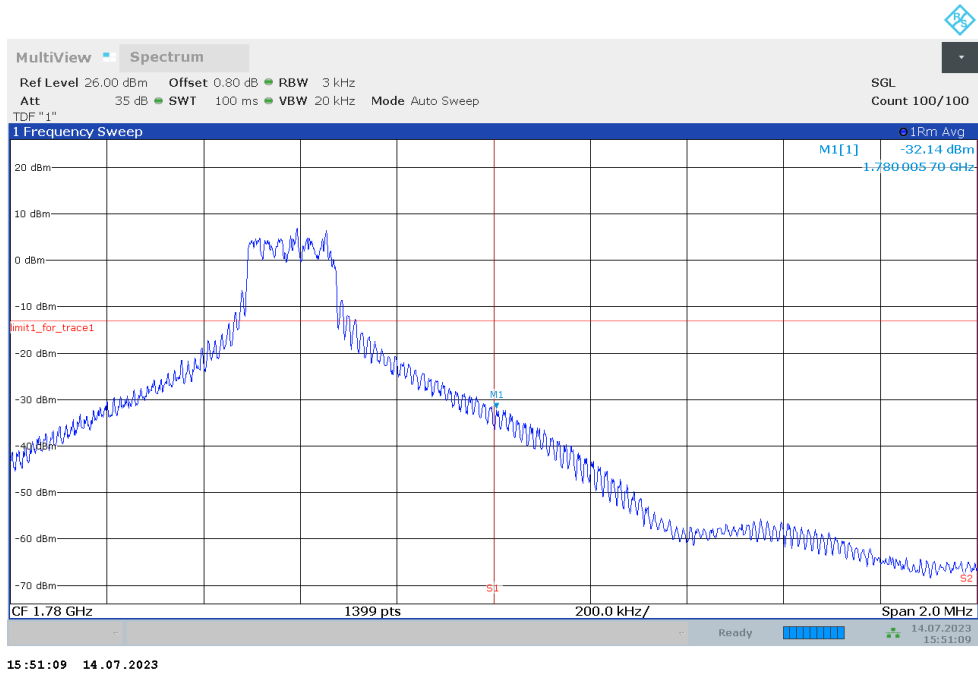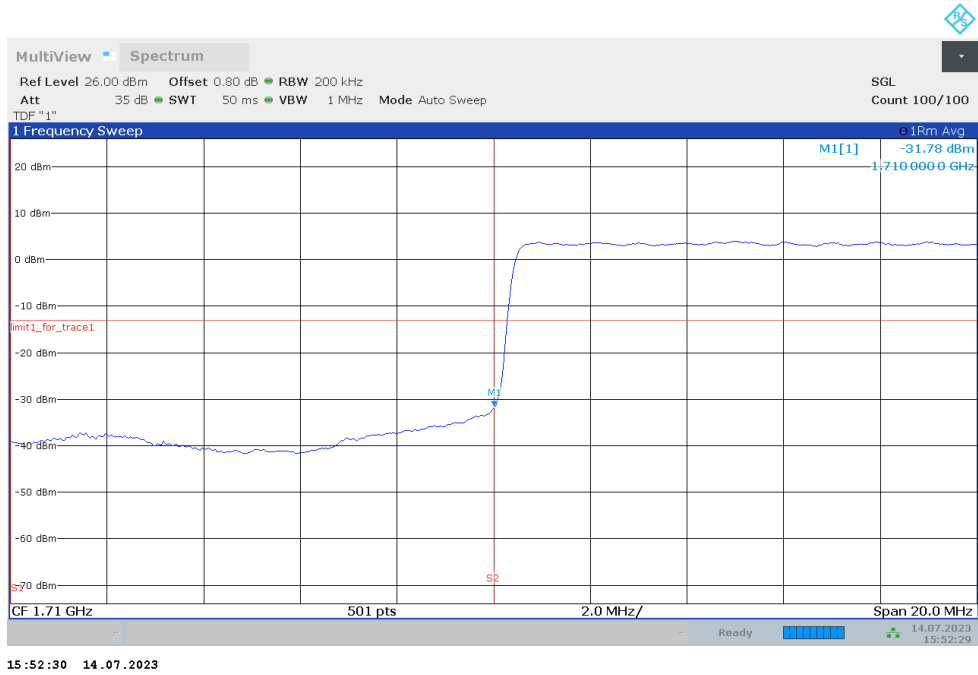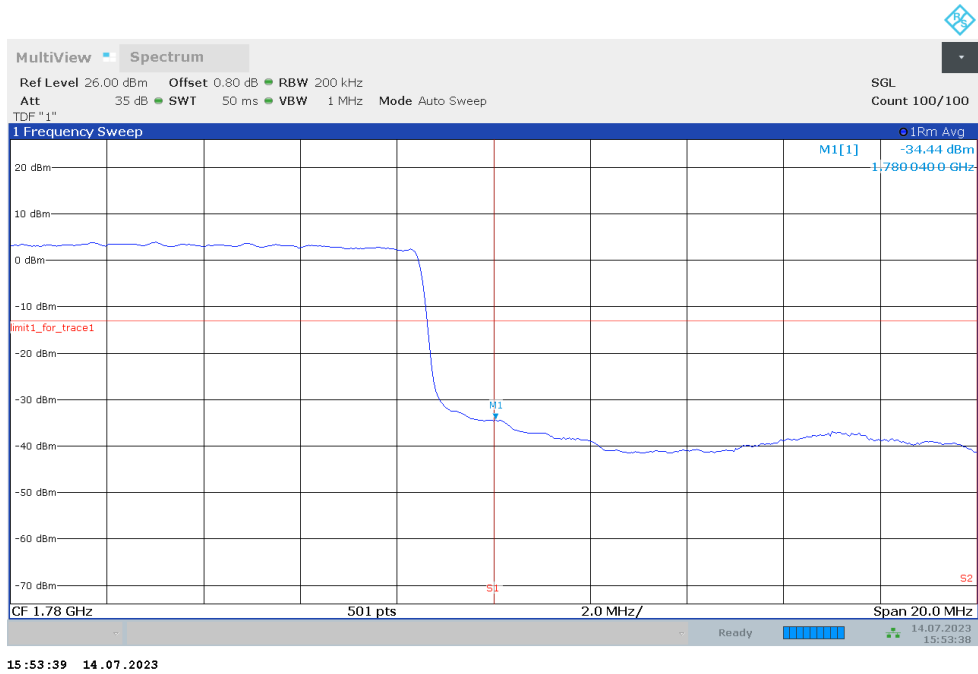
NR n77L
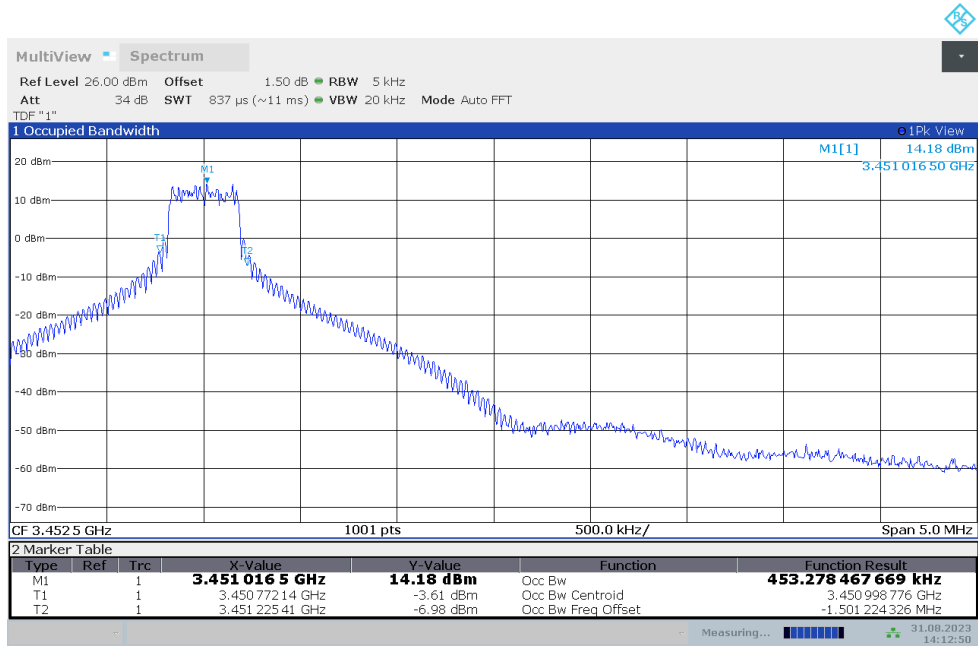
OBW: 1RB-LOW_offset

14:12:50 31.08.2023

LOW BAND EDGE BLOCK-1RB-LOW_offset

14:13:31 31.08.2023

LOW BAND EDGE BLOCK-1RB-LOW_offset
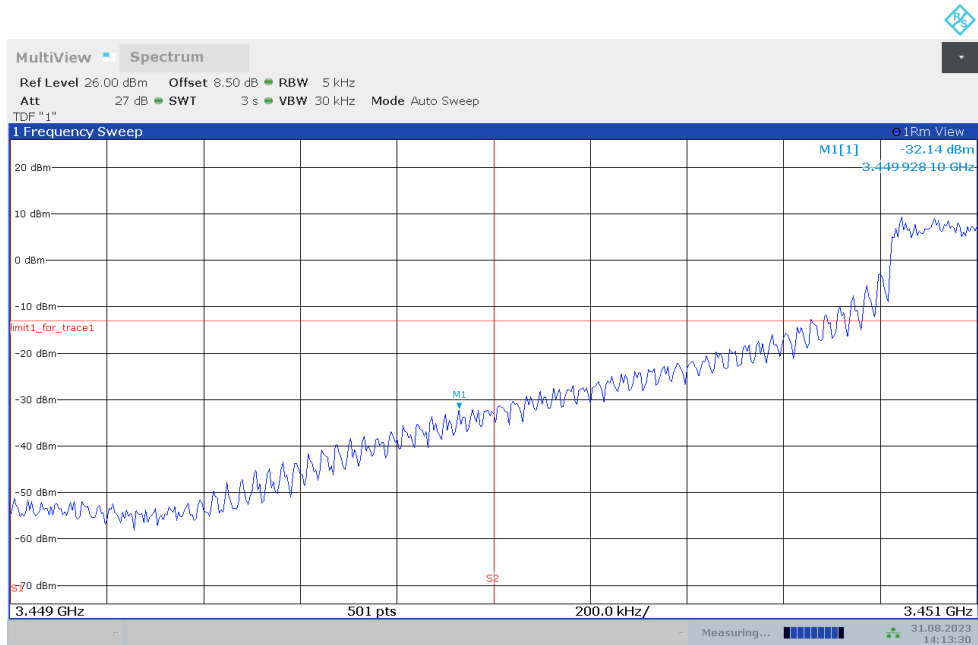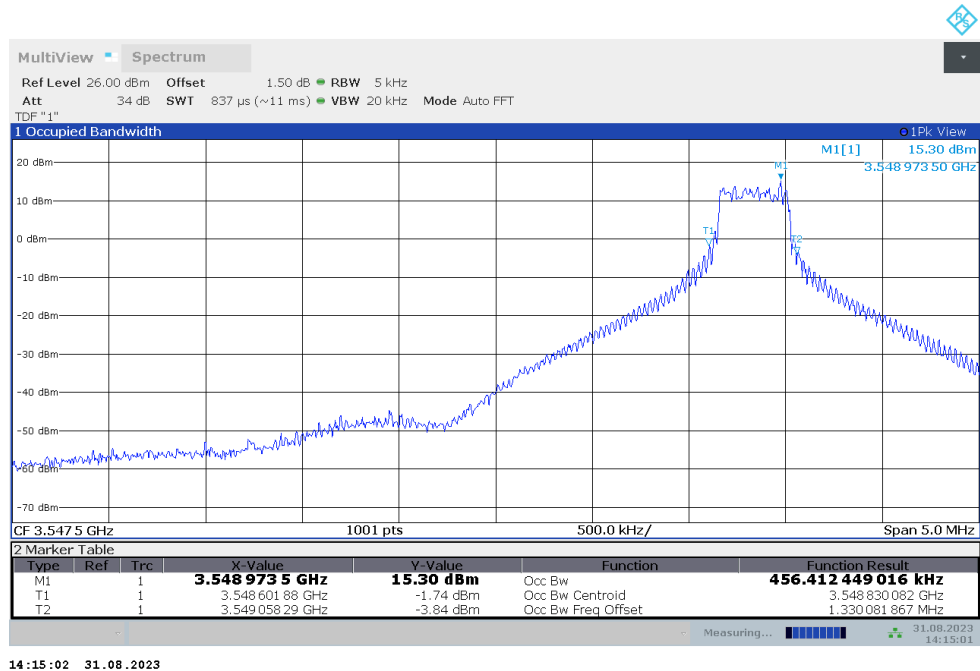

14:14:10 31.08.2023

OBW: 1RB-HIGH_offset

14:15:02 31.08.2023

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

14:15:42 31.08.2023

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

14:16:22 31.08.2023

LOW BAND EDGE BLOCK-80M-100%RB

14:17:40 31.08.2023

LOW BAND EDGE BLOCK-80M-100%RB

14:18:19 31.08.2023

HIGH BAND EDGE BLOCK-80M-100%RB

14:19:26 31.08.2023

HIGH BAND EDGE BLOCK-80M-100%RB

14:20:05 31.08.2023
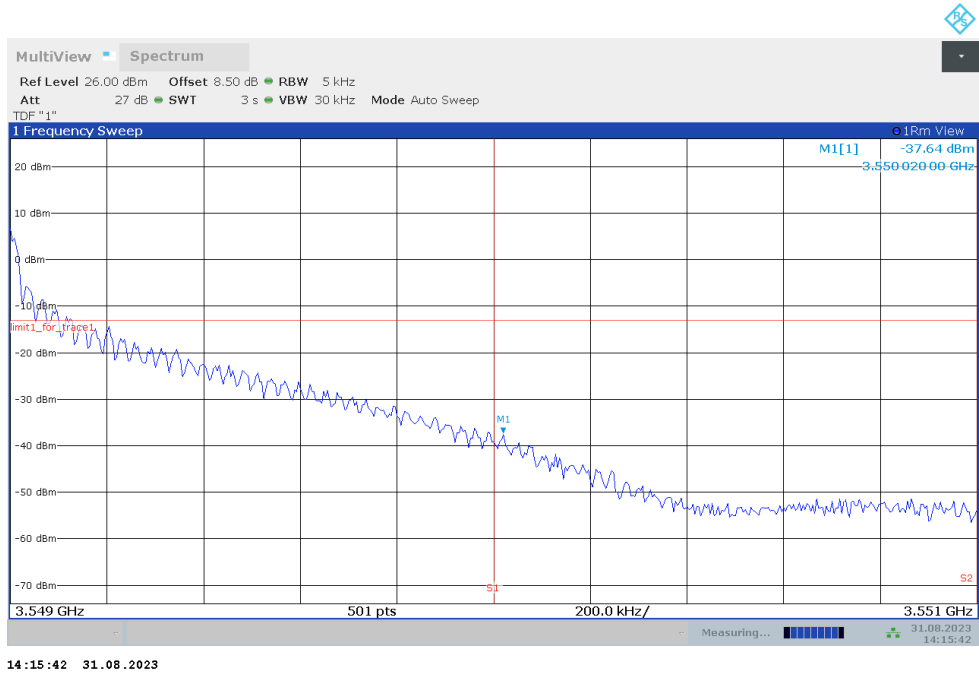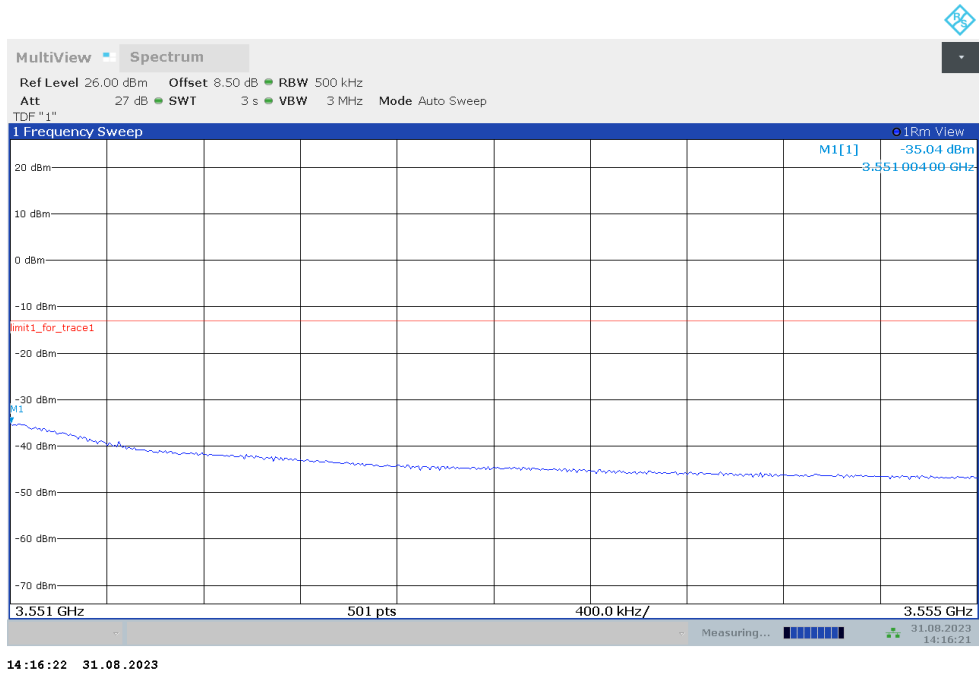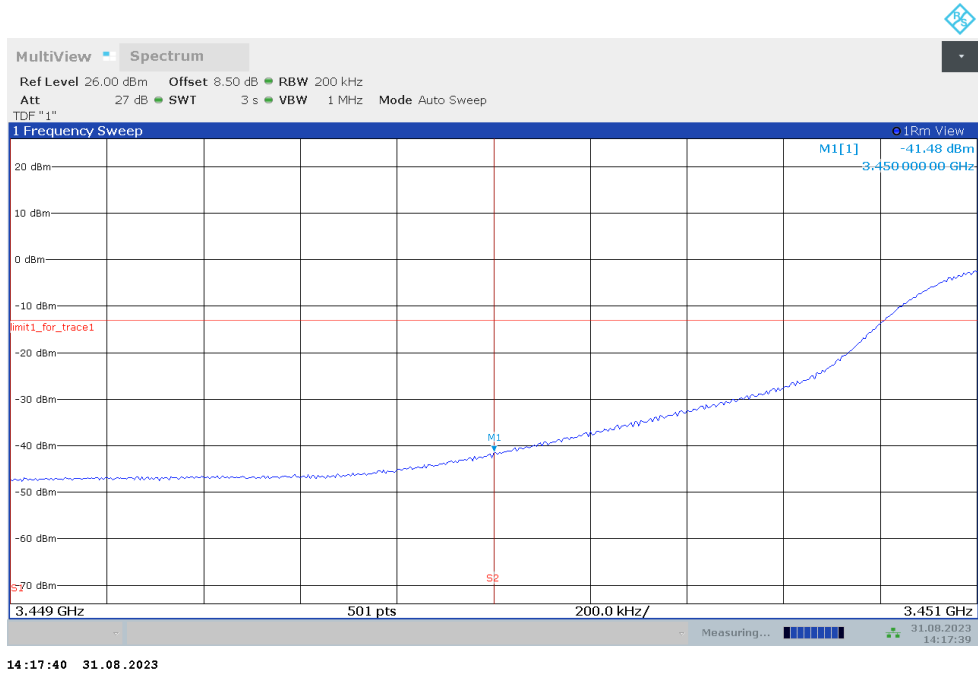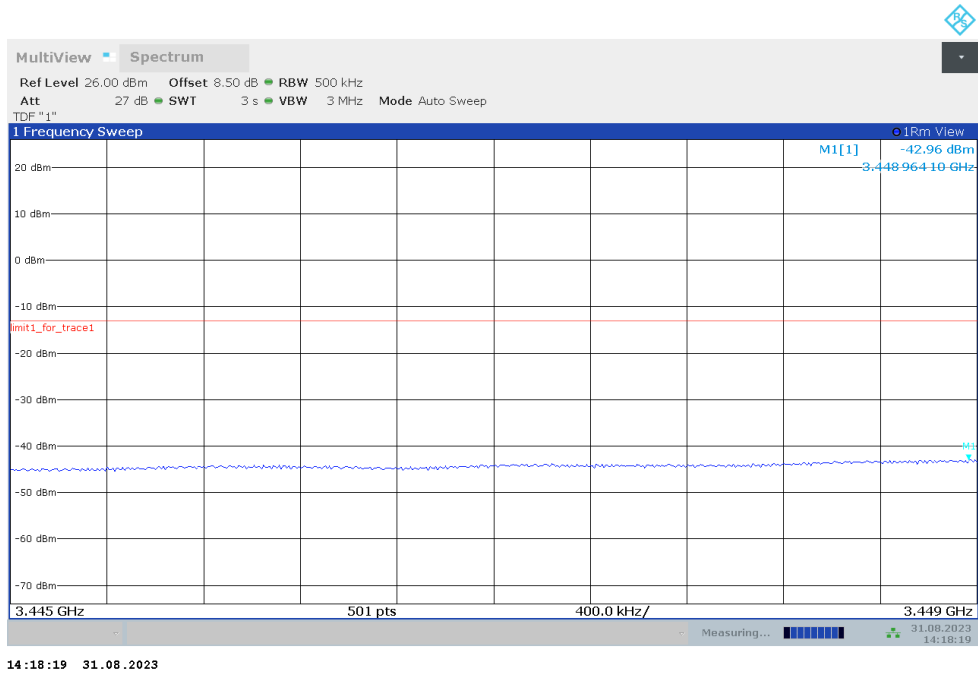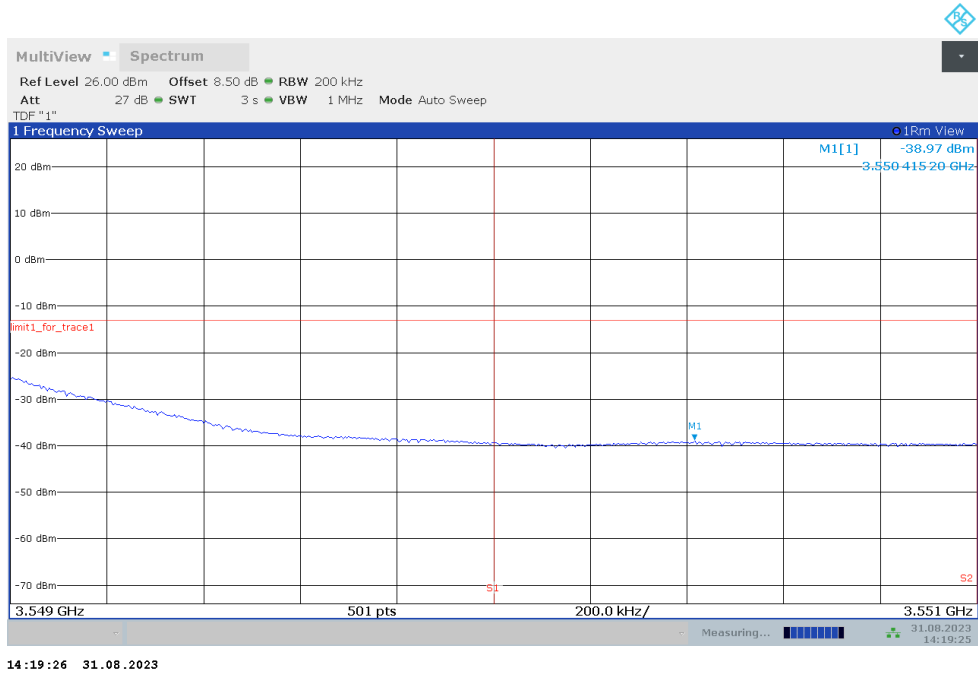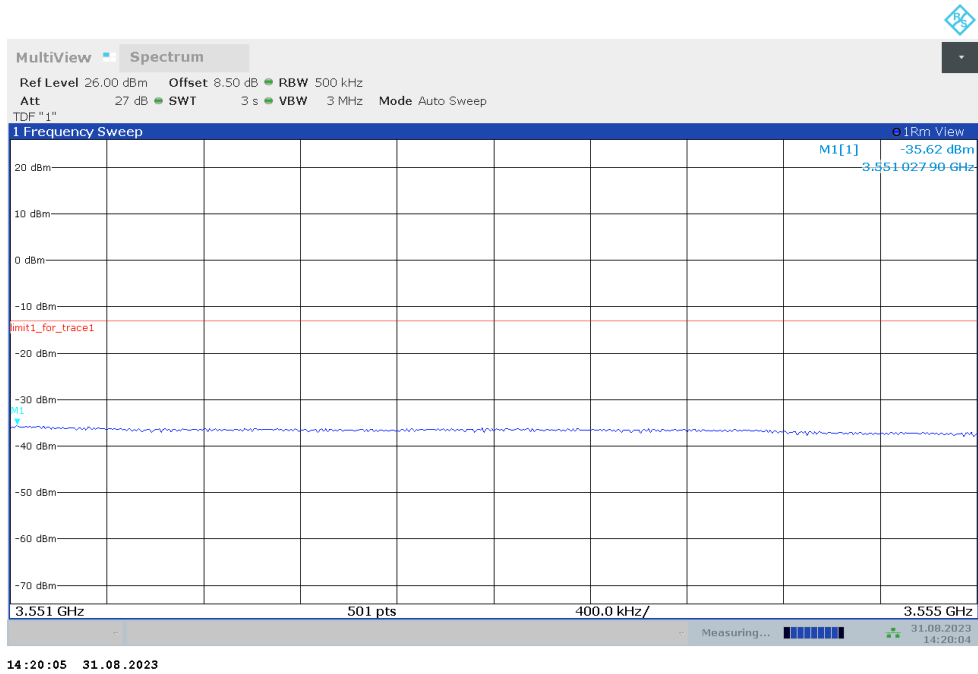
NR n77H

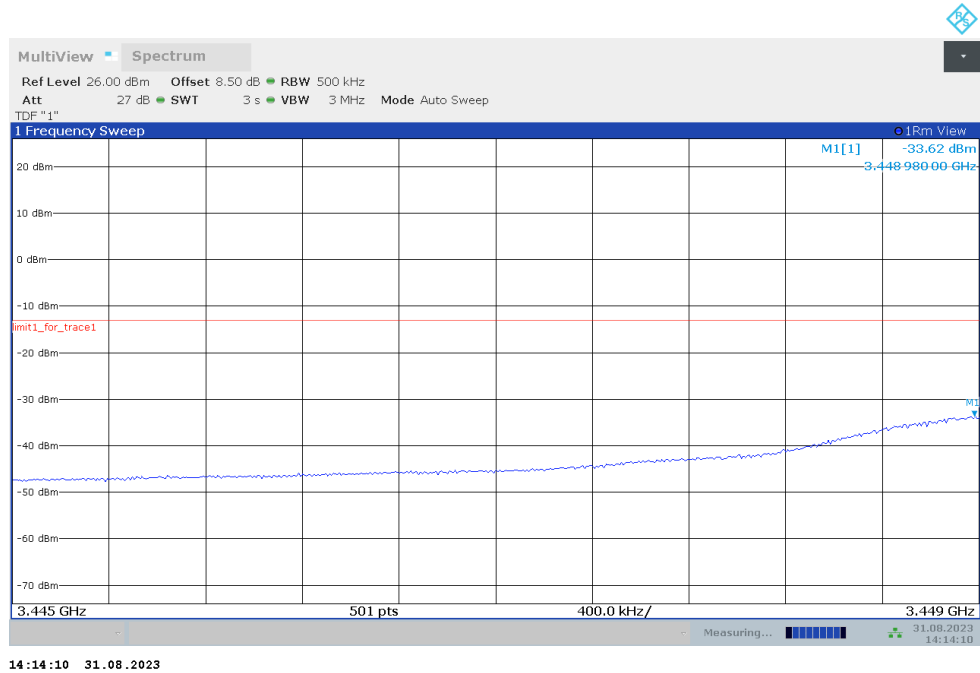**OBW: 1RB-LOW_offset**
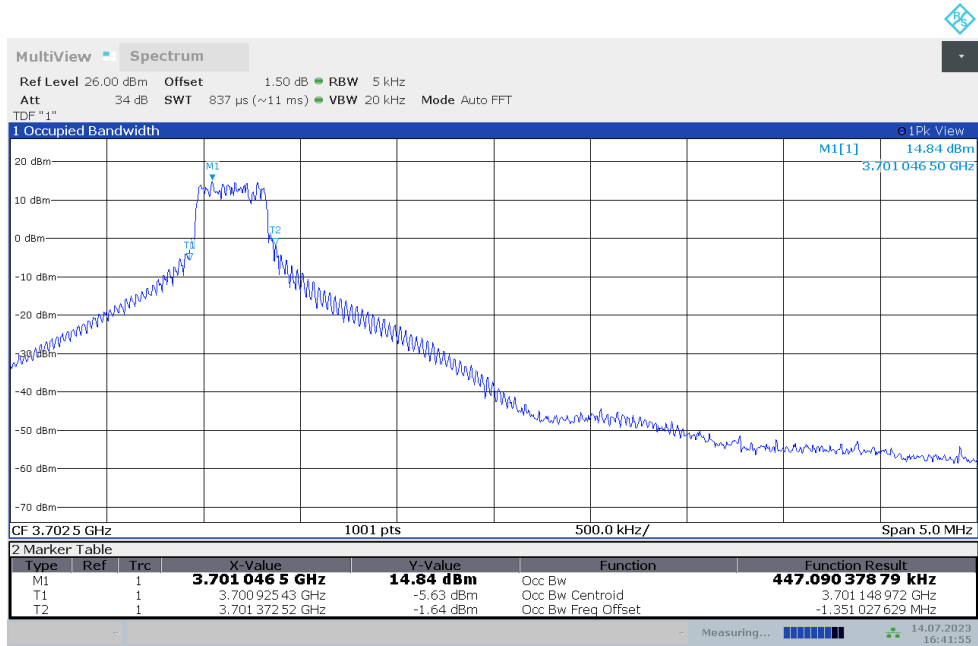
16:41:55   14.07.2023

LOW BAND EDGE BLOCK-1RB-LOW_offset
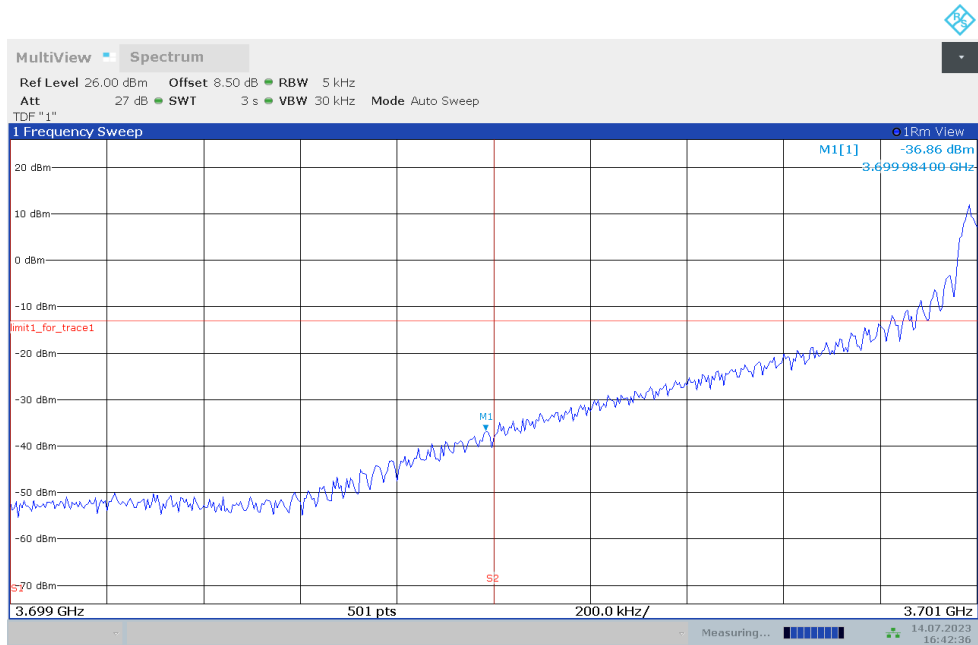
16:42:36   14.07.2023

LOW BAND EDGE BLOCK-1RB-LOW_offset
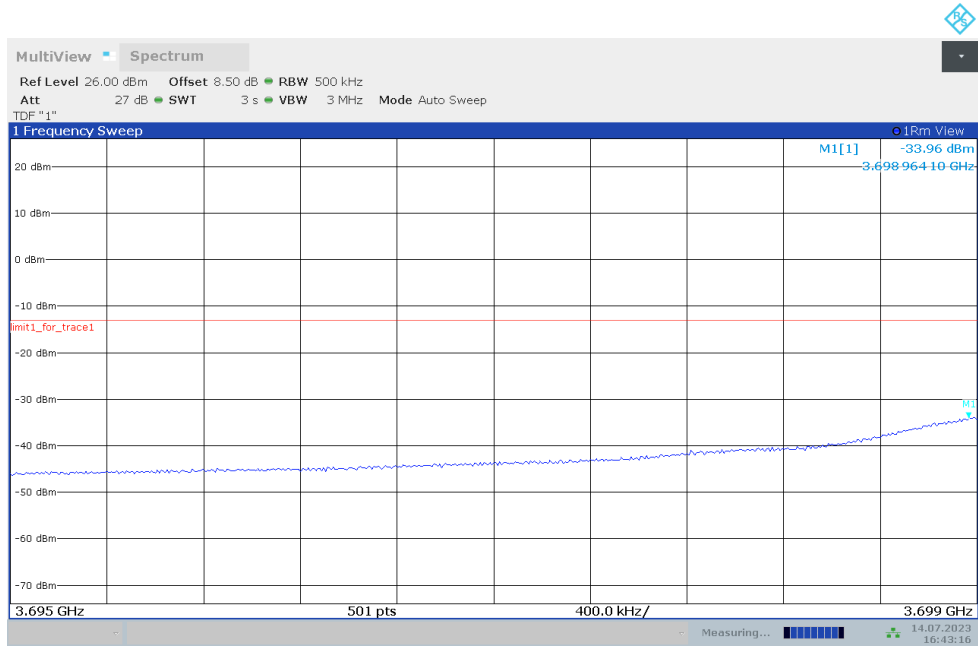
16:43:16 14.07.2023

OBW: 1RB-HIGH_offset
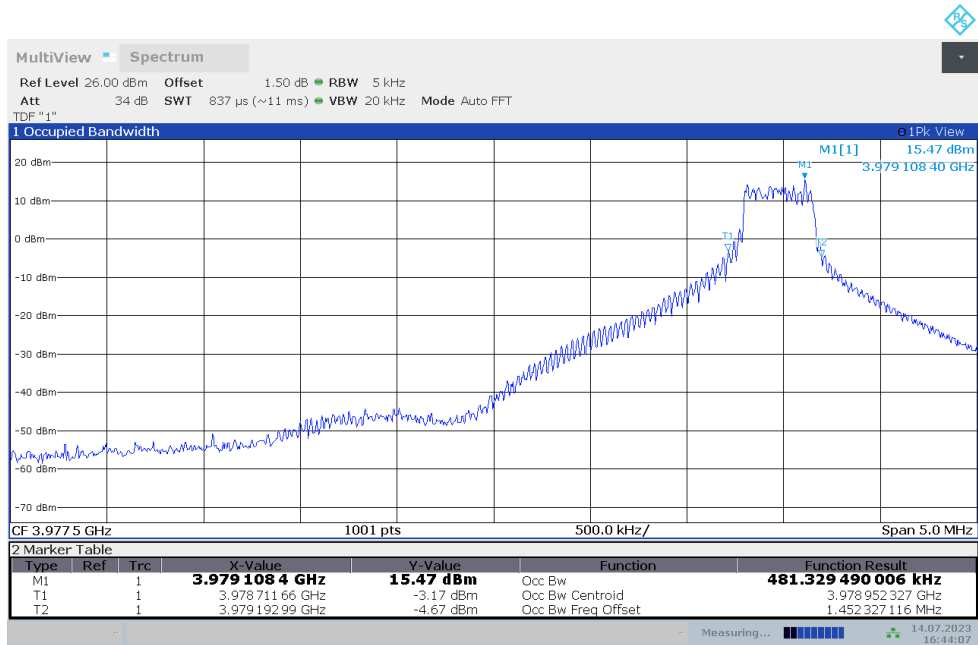
16:44:08 14.07.2023

HIGH BAND EDGE BLOCK-1RB-HIGH_offset
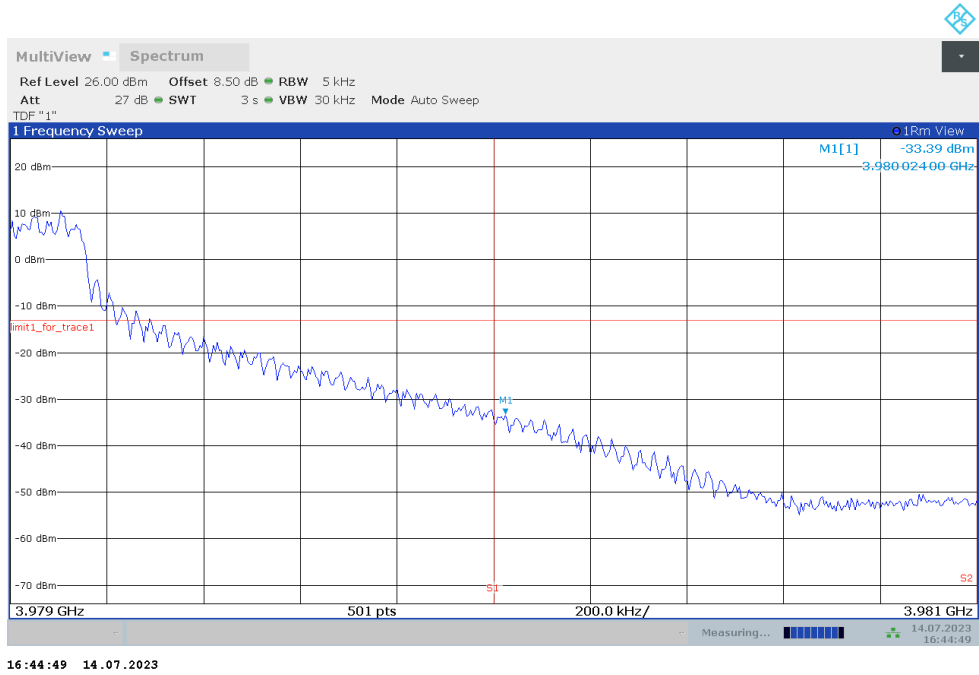
16:44:49 14.07.2023

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

16:45:28 14.07.2023

LOW BAND EDGE BLOCK-100M-100%RB

16:46:47 14.07.2023

HIGH BAND EDGE BLOCK-100M-100%RB

16:47:54 14.07.2023
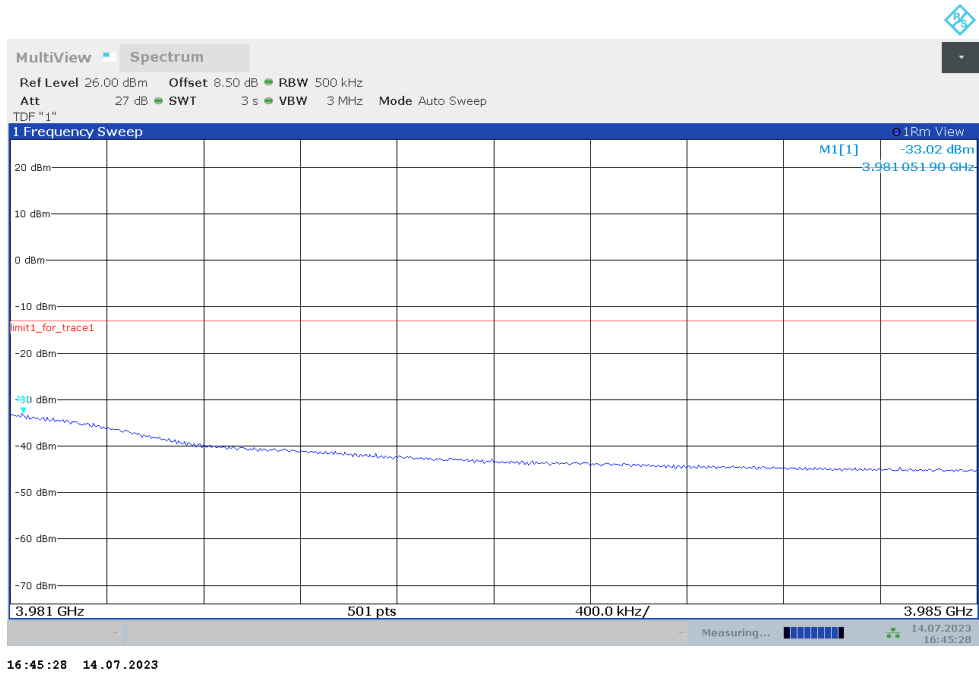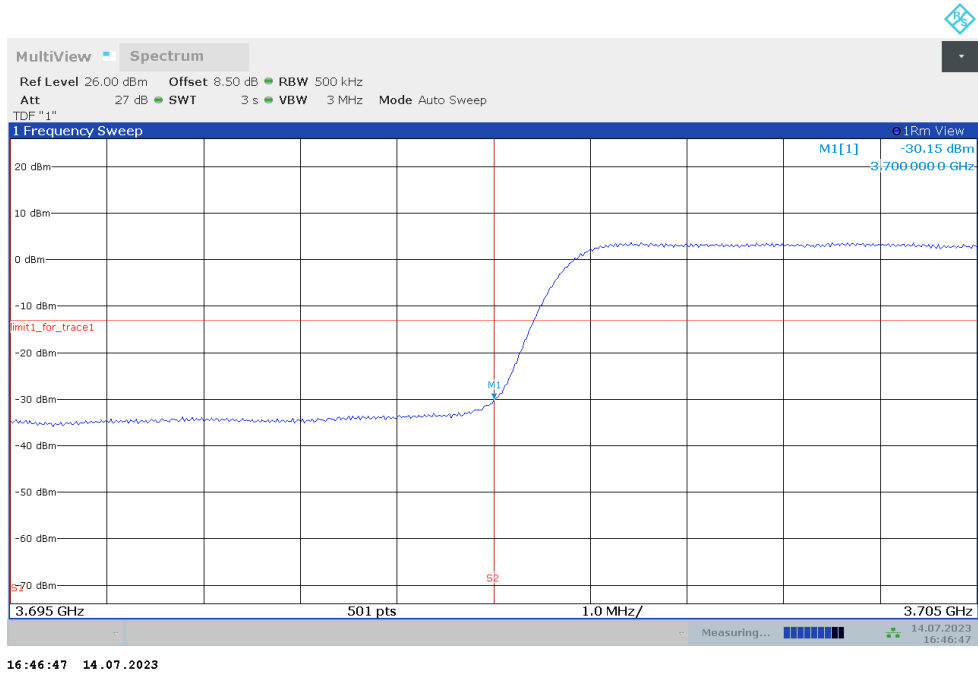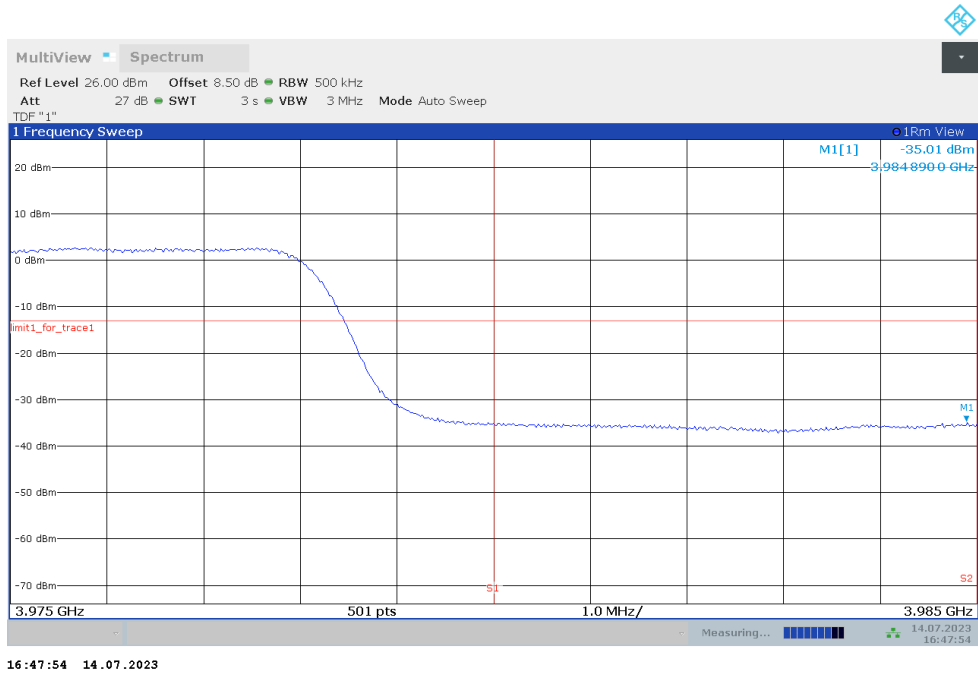
NR n78L
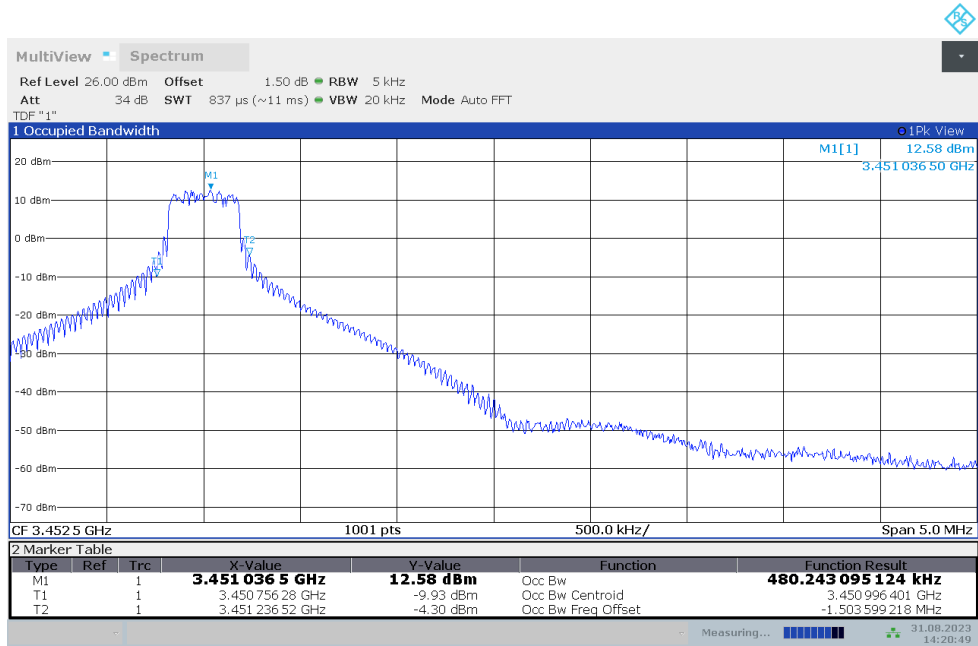
OBW: 1RB-LOW_offset

14:20:50 31.08.2023

LOW BAND EDGE BLOCK-1RB-LOW_offset
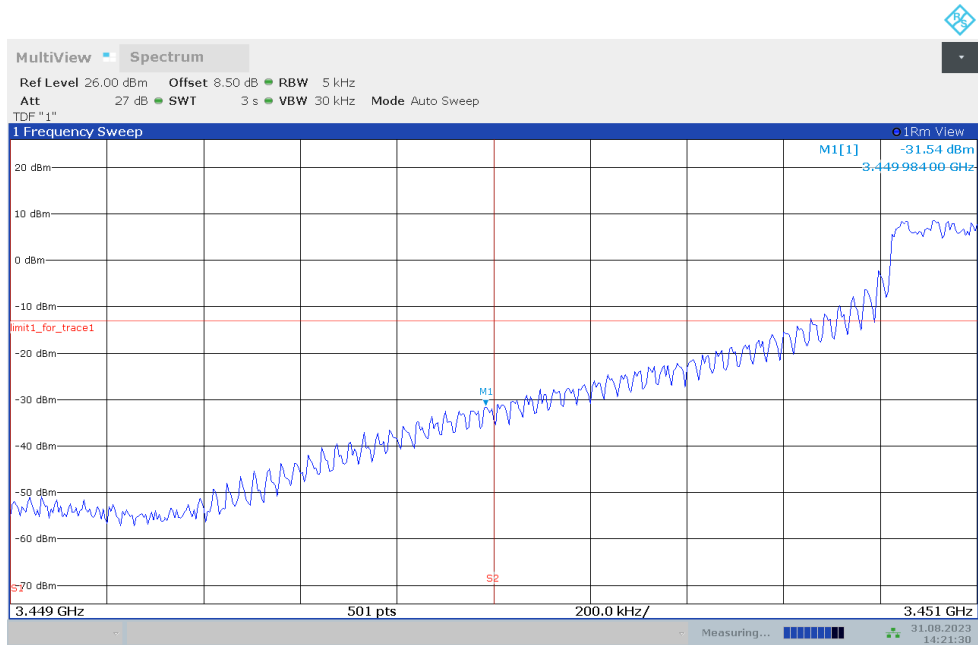
14:21:31 31.08.2023

LOW BAND EDGE BLOCK-1RB-LOW_offset
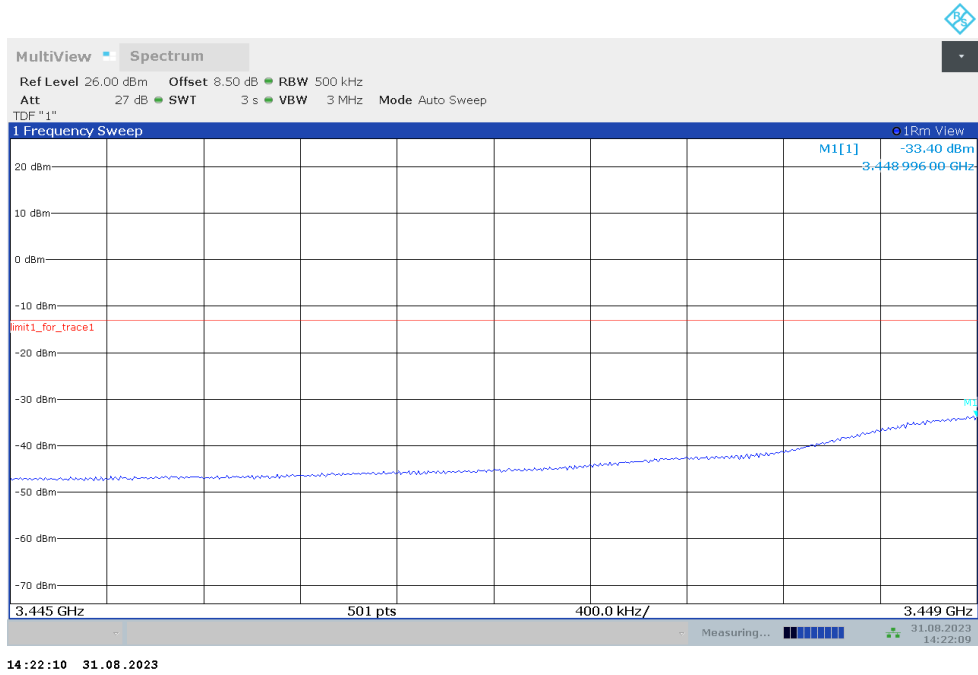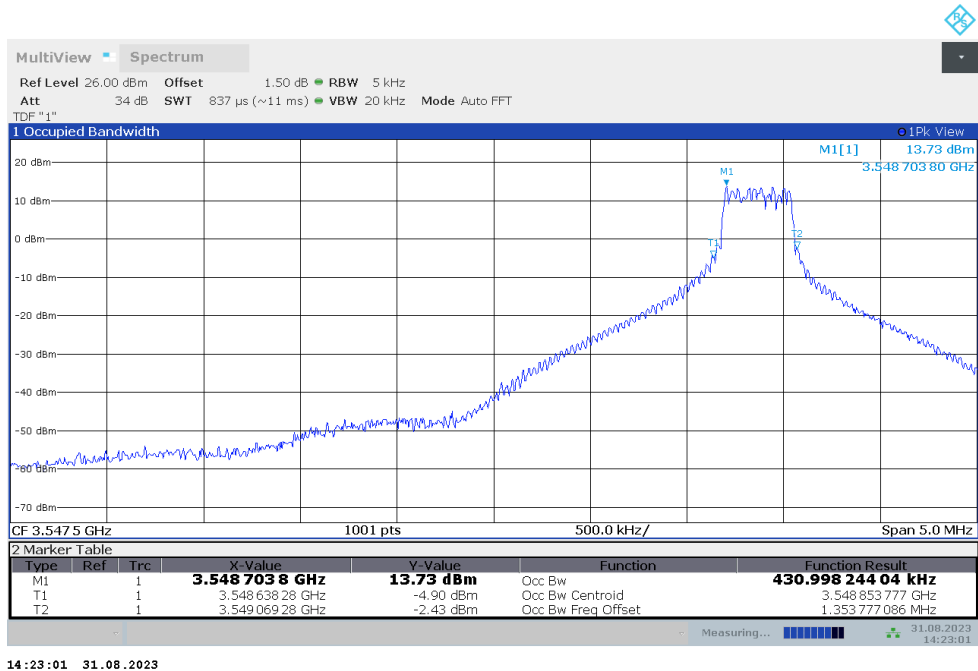
14:22:10 31.08.2023

OBW: 1RB-HIGH_offset

14:23:01 31.08.2023

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

14:23:42 31.08.2023

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

14:24:21 31.08.2023

LOW BAND EDGE BLOCK-90M-100%RB

14:25:39 31.08.2023

LOW BAND EDGE BLOCK-90M-100%RB

14:26:19 31.08.2023

HIGH BAND EDGE BLOCK-90M-100%RB

14:27:25 31.08.2023

HIGH BAND EDGE BLOCK-90M-100%RB

14:28:05 31.08.2023
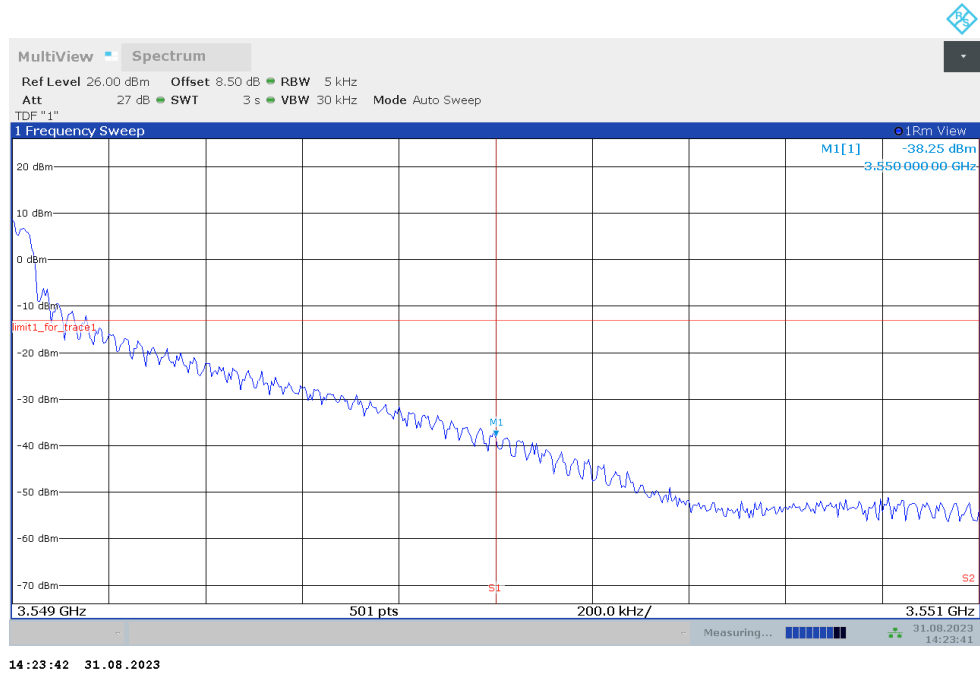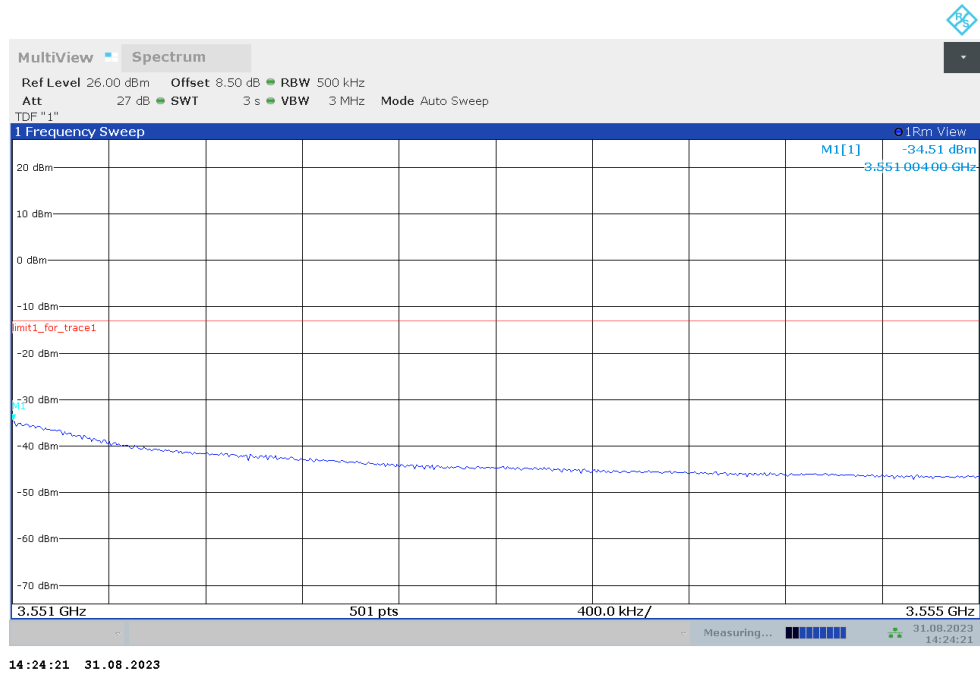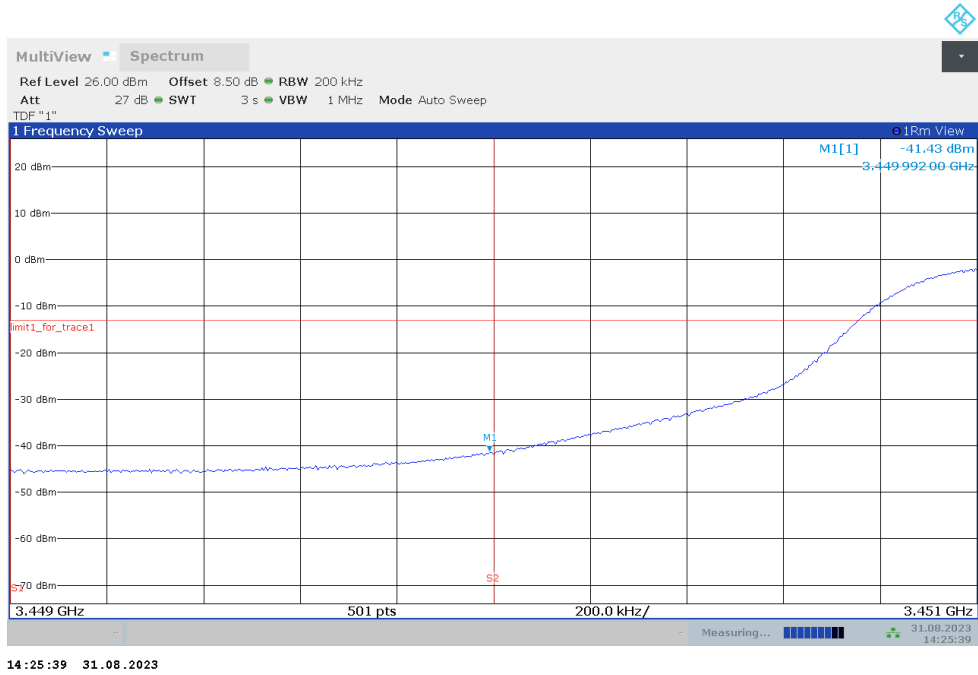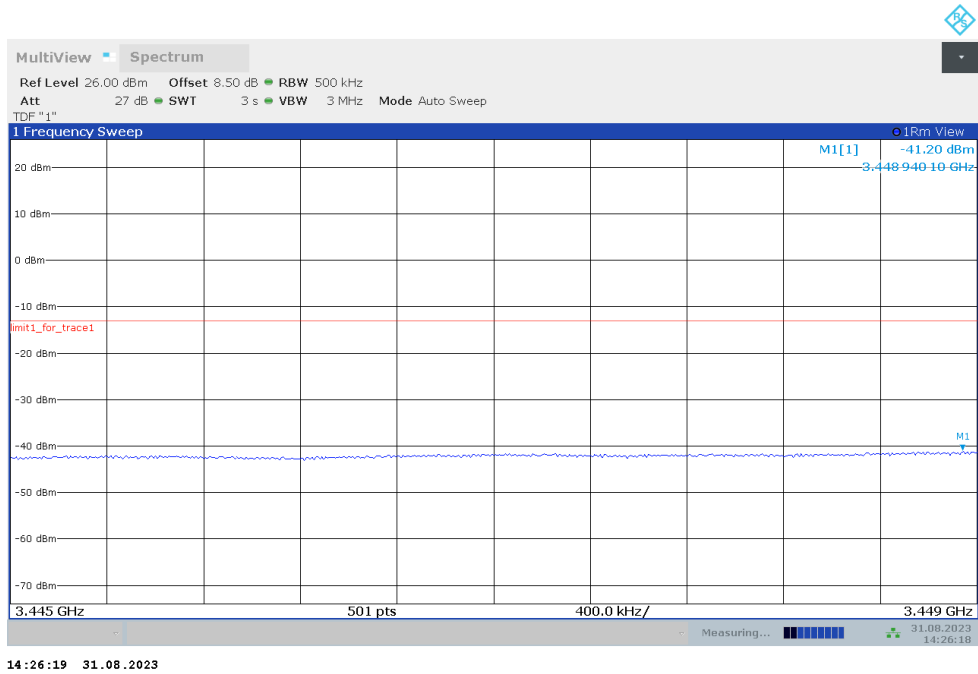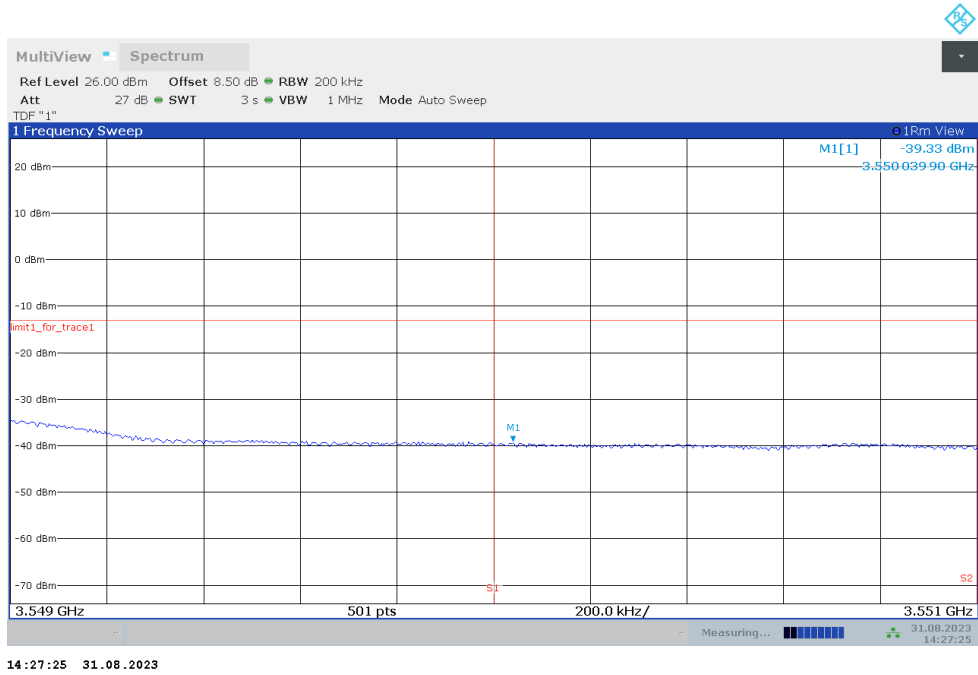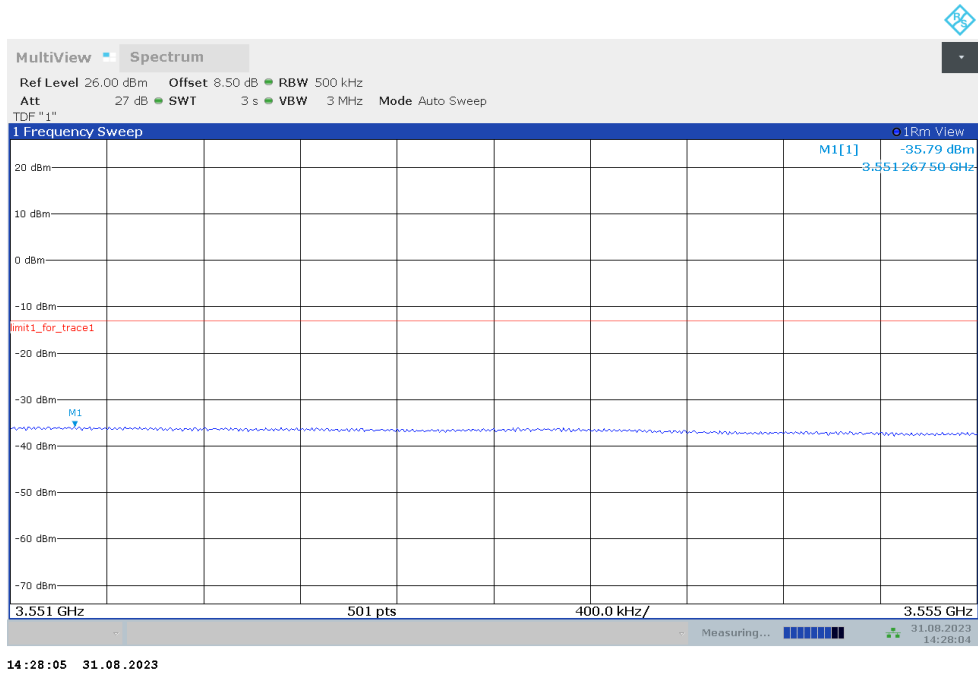
Note: The maximum value of expanded measurement uncertainty for this test item is U = 0.626 kHz, *k* = 2.

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 greater than $2\times$ span/RBW.

A. 7.2 Measurement Limit

Part 22.917 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(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. 7.3 Measurement result

n5

NOTE: peak above the limit line is the carrier frequency.
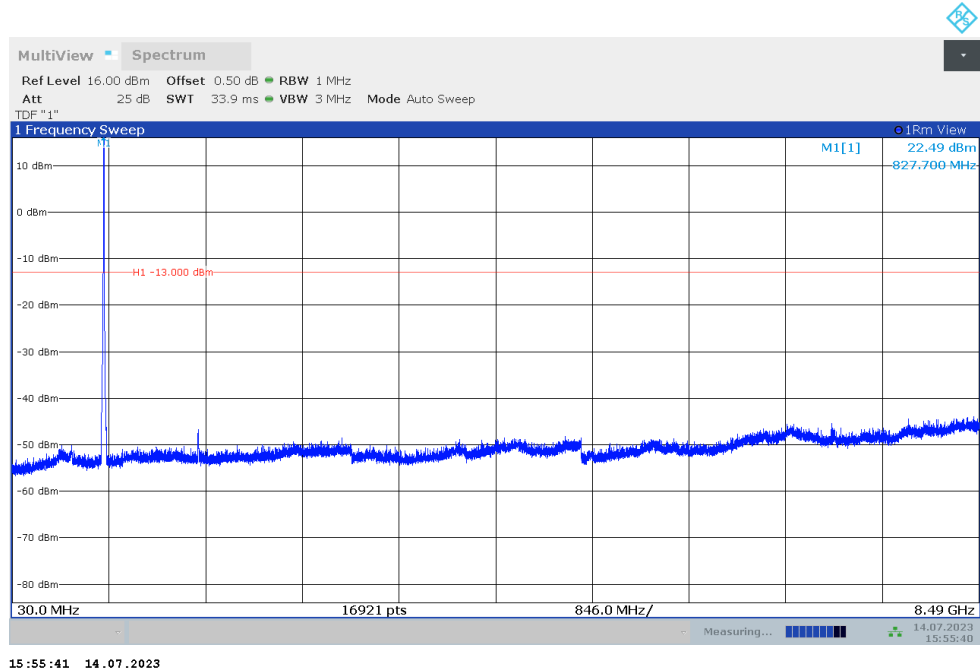
n7

NOTE: peak above the limit line is the carrier frequency.
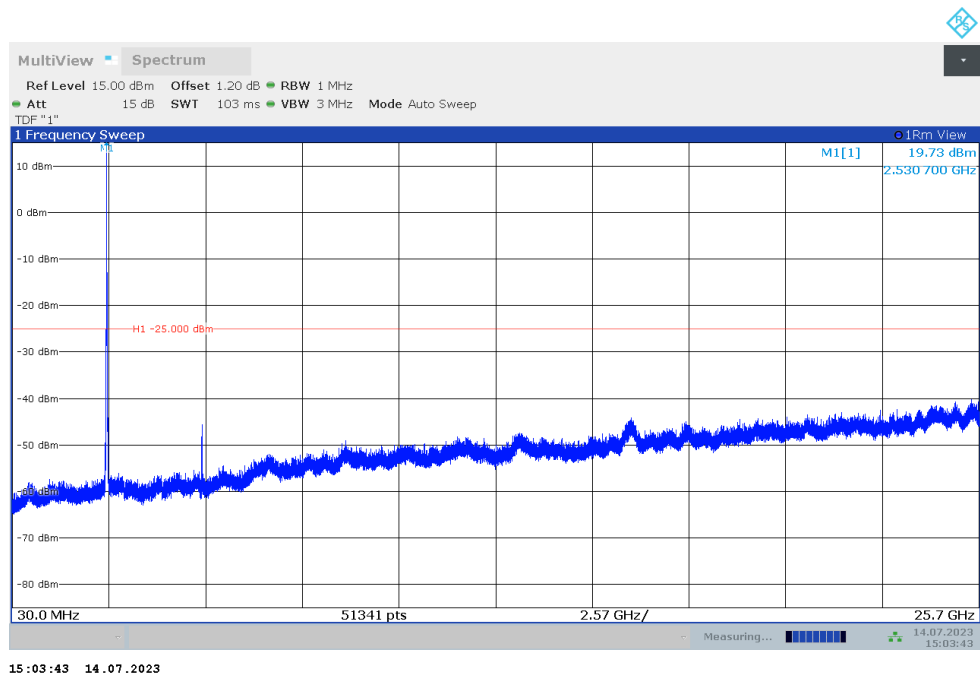
n38

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

09:51:40 15.07.2023
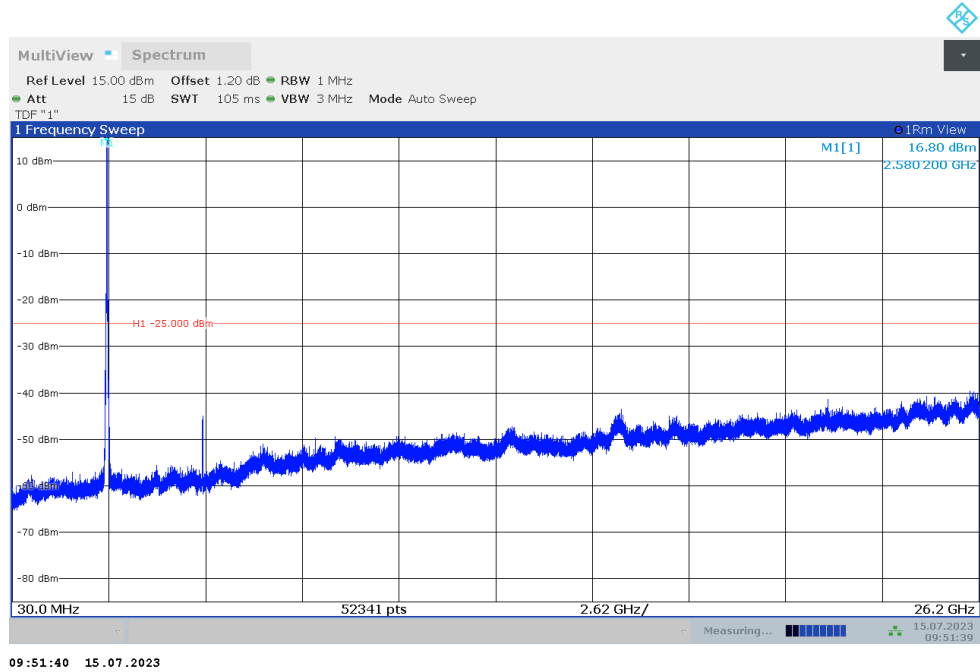
n41

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

09:52:34 15.07.2023
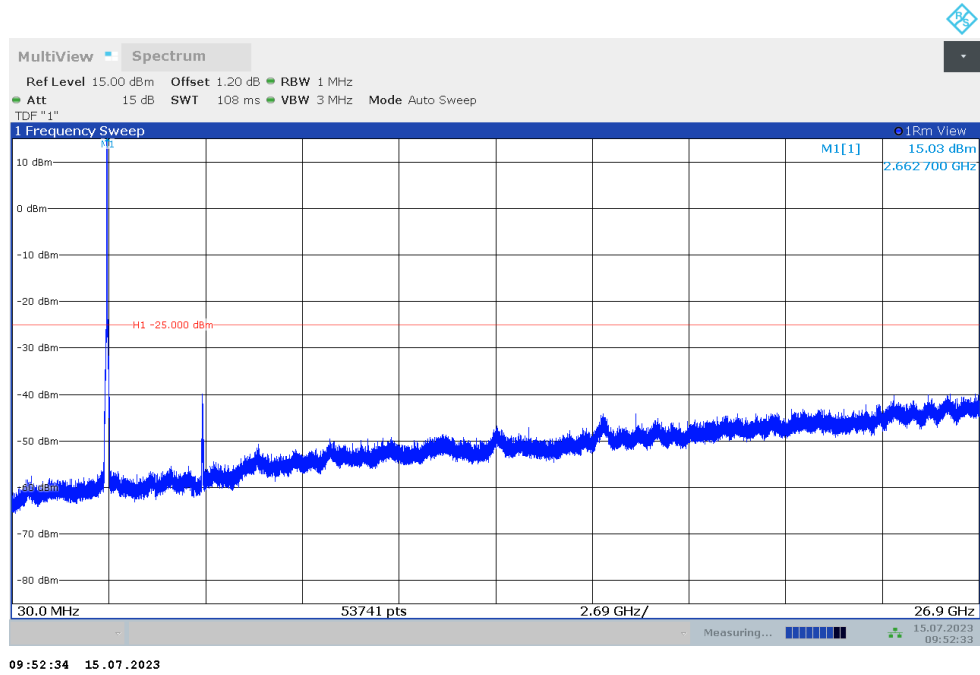
n66

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

15:56:55   14.07.2023
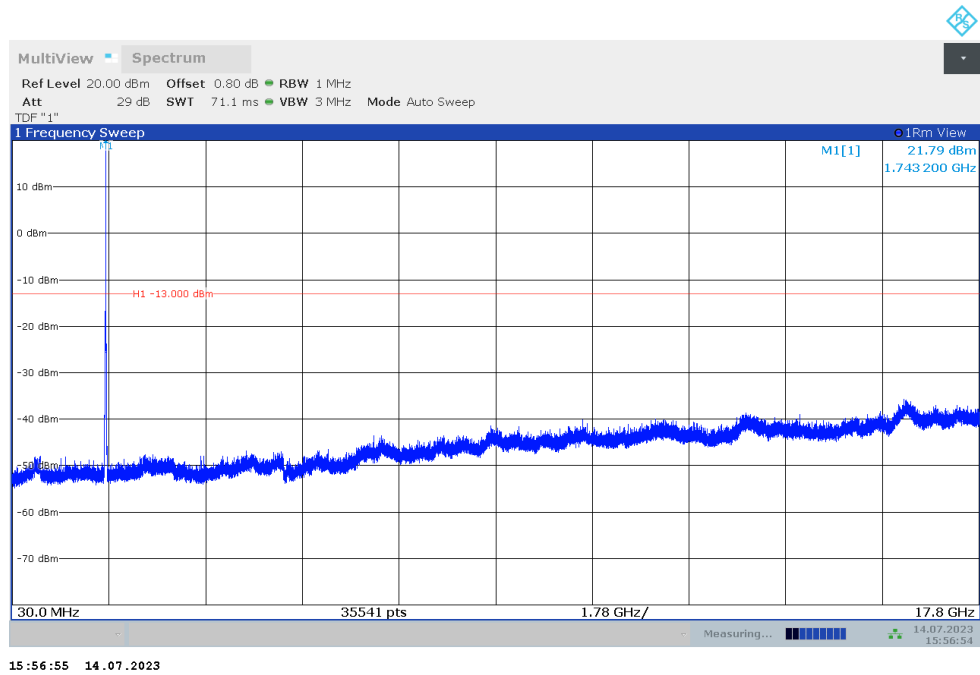
n77L

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

14:29:00   31.08.2023
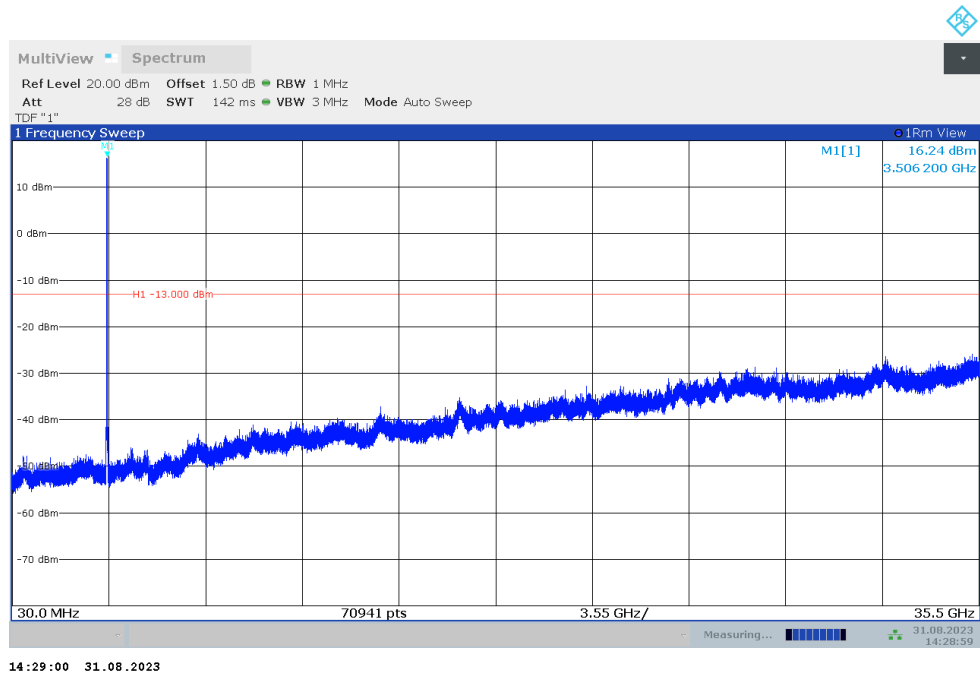
n77H

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

16:56:53 14.07.2023
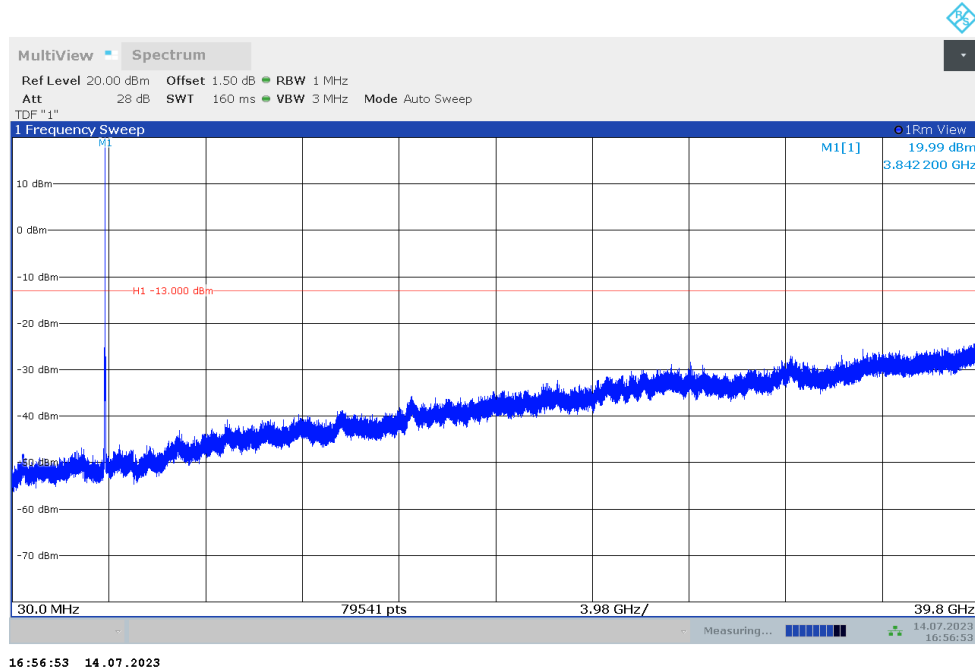
n78L

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

14:29:53 31.08.2023
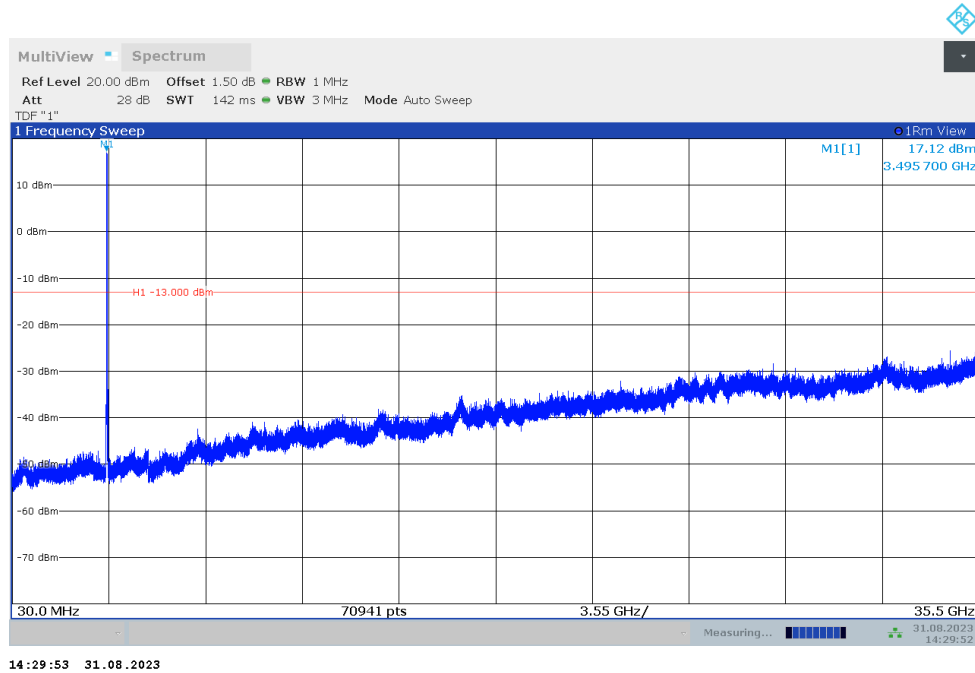
Note: The maximum value of expanded measurement uncertainty for this test item is U = 0.372 dB, *k* = 2.

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

n7,20MHz

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
2535	4.14	5.76	6.56	6.56	6.68	7.48	7.48	7.24	8.58

n38,40MHz

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
2595	4.20	5.06	5.90	6.17	6.72	6.82	6.88	7.28	8.68

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	4.30	5.43	6.28	6.52	6.73	7.56	7.55	7.47	8.52

n66,20MHz

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
1745	4.02	5.78	6.70	6.68	6.72	7.66	7.62	8.14	8.64

n77L,80MHz

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	4.73	5.65	6.41	6.74	6.73	7.38	7.33	7.90	8.61

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	3.79	4.73	6.30	6.70	6.76	8.08	8.06	8.41	8.44

n78L,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	4.40	5.70	6.48	6.61	6.70	7.31	7.31	7.84	8.54

Note: The maximum value of expanded measurement uncertainty for this test item is U = 0.356 dB, k = 2.

Annex B: Accreditation Certificate

Accredited Laboratory

A2LA has accredited

TELECOMMUNICATION TECHNOLOGY LABS, CAICT

Beijing, People's Republic of China

for technical competence in the field of

Electrical Testing

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

Presented this 26th day of June 2023.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 7049.01
Valid to July 31, 2024

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.

END OF REPORT