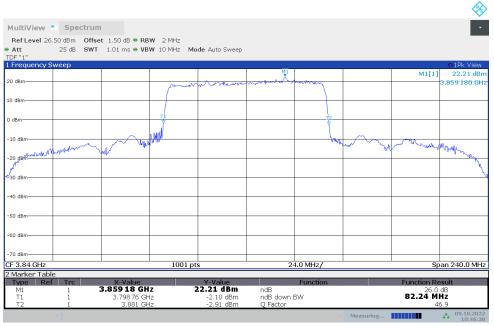




#### n77H,80MHz(-26dBc)

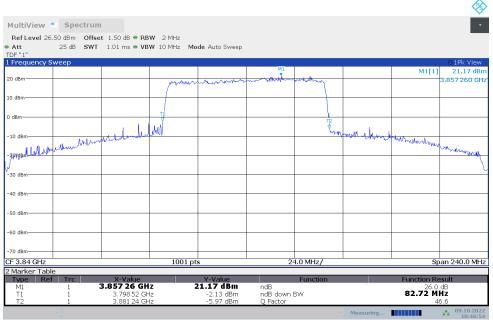
	Emission Bandwidth (-26dBc) (MHz)		
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK	
3840	82.240	82.720	

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



10:46:39 09.10.2022

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



10:46:55 09.10.2022

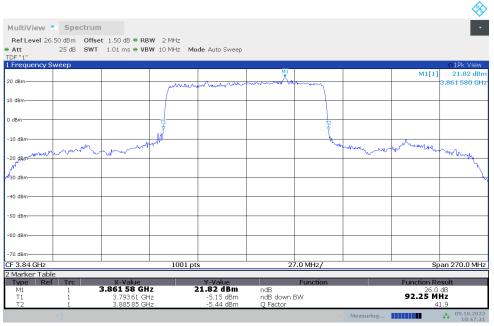




#### n77H,90MHz(-26dBc)

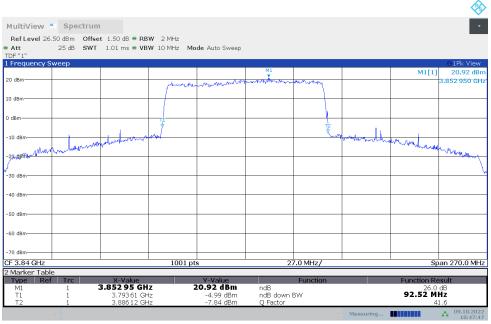
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
Frequency (MHZ)	DFT-s-pi/2 BPSK	DFT-s-QPSK	
3840	92.250	92.520	

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



10:47:32 09.10.2022

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



10:47:47 09.10.2022





#### n77H,100MHz(-26dBc)

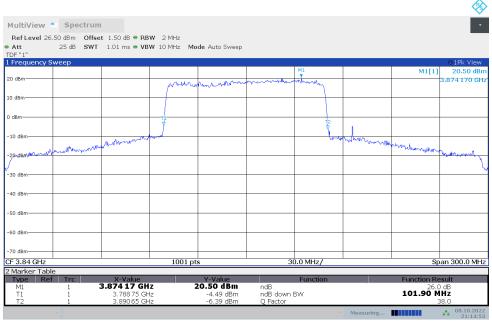
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	
3840	101.900	101.900	

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



21:14:38 08.10.2022

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



21:14:53 08.10.2022



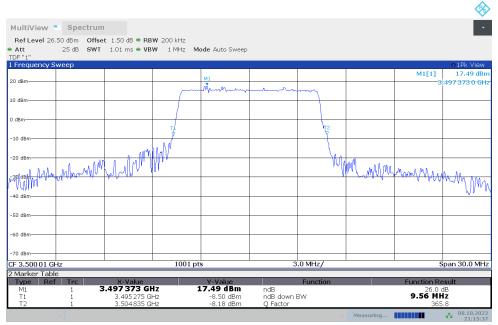


#### n78L

n78L,10MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	
3500.01	9.560	9.650	

#### n78L,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



21:15:37 08.10.2022

#### n78L,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



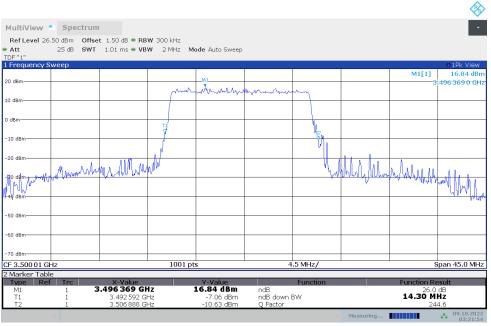




#### n78L,15MHz(-26dBc)

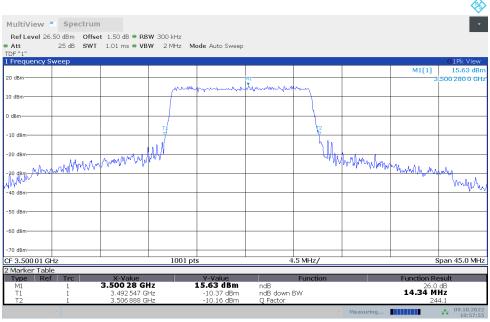
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	
3500.01	14.296	14.341	

#### n78L,15MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



03:21:54 09.10.2022

#### n78L,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



10:57:56 09.10.2022

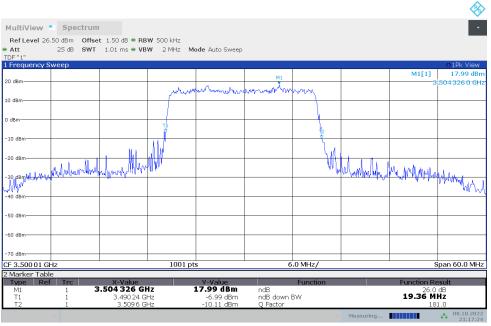




#### n78L,20MHz(-26dBc)

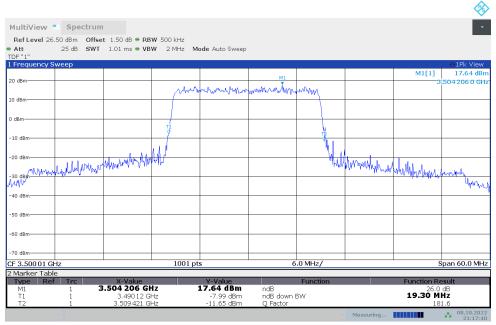
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	
3500.01	19.361	19.301	

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



21:17:24 08.10.2022

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



21:17:40 08.10.2022

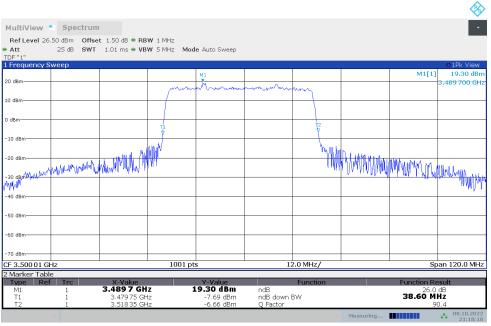




#### n78L,40MHz(-26dBc)

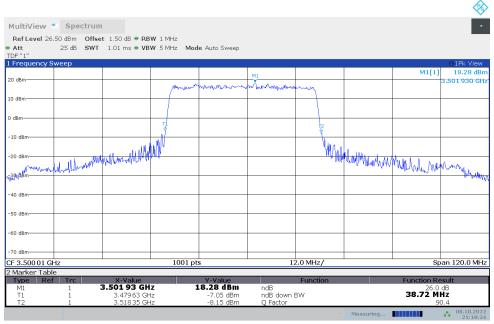
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	
3500.01	38.600	38.720	

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



21:18:18 08.10.2022

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



21:18:34 08.10.2022

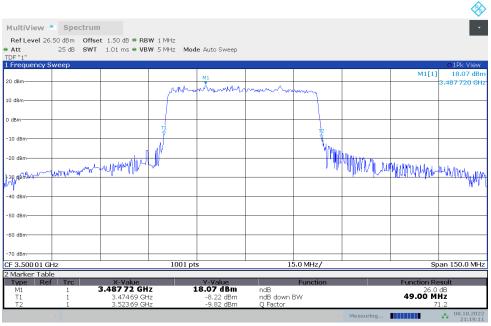




#### n78L,50MHz(-26dBc)

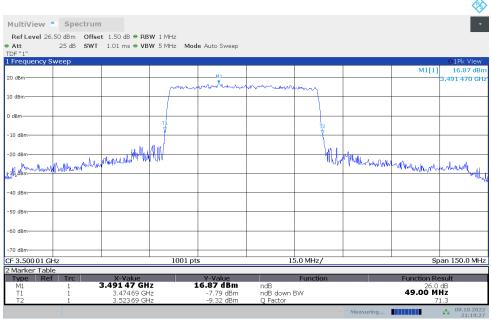
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	
3500.01	49.000	49.000	

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



21:19:12 08.10.2022

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



21:19:27 08.10.2022

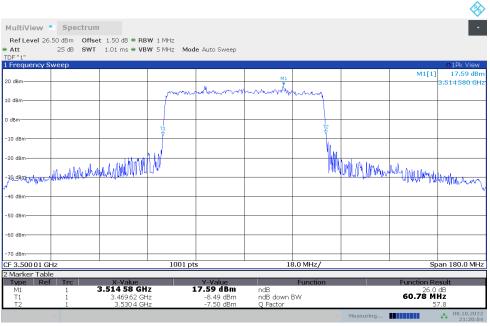




#### n78L,60MHz(-26dBc)

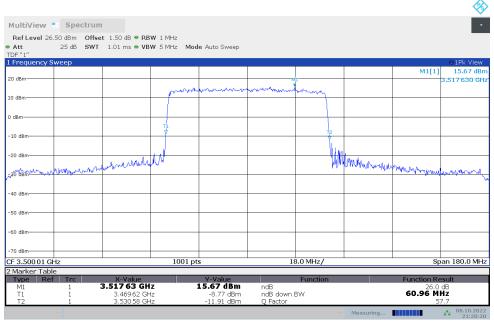
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)			
	DFT-s-pi/2 BPSK	DFT-s-QPSK		
3500.01	60.780	60.960		

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



21:20:04 08.10.2022

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



21:20:20 08.10.2022

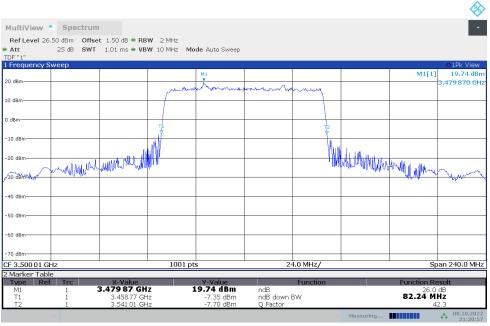




#### n78L,80MHz(-26dBc)

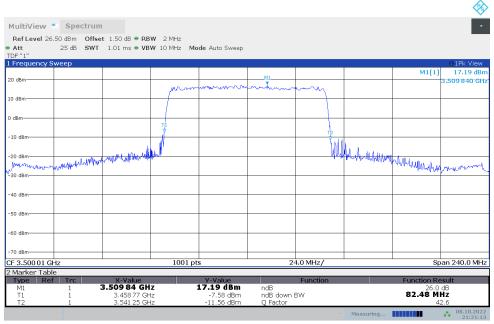
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	
3500.01	82.240	82.480	

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



21:20:57 08.10.2022

#### n78L,80MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



21:21:13 08.10.2022

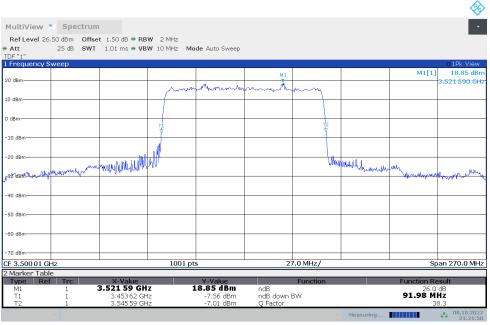




#### n78L,90MHz(-26dBc)

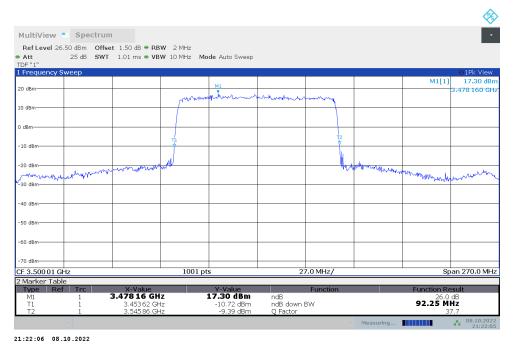
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	
3500.01	91.980	92.250	

#### n78L,90MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



21:21:50 08.10.2022

# 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, 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 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 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 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.

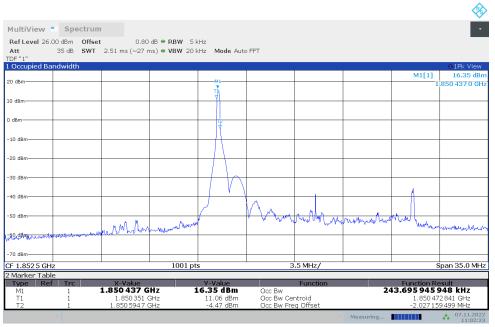
The spectrum analyzer readings are corrected by [10 log (1/duty cycle)] for the non-continuous transmitting scenario.





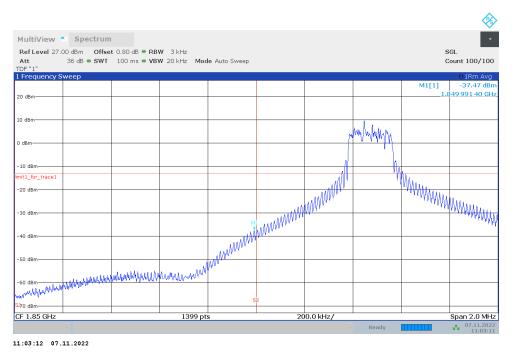
# A.6.2 Measurement result NR n2

## OBW: 1RB-LOW\_offset



11:02:24 07.11.2022

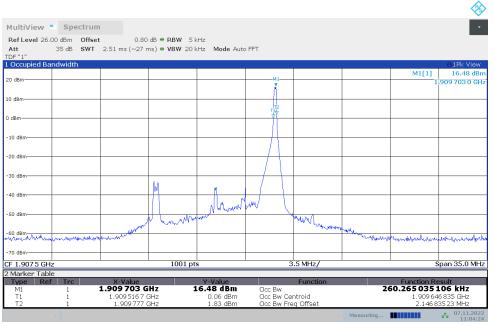
# LOW BAND EDGE BLOCK-1RB-LOW\_offset





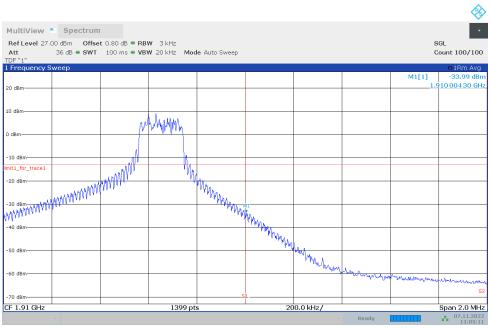


#### OBW: 1RB-HIGH\_offset



11:04:25 07.11.2022

## HIGH BAND EDGE BLOCK-1RB-HIGH\_offset

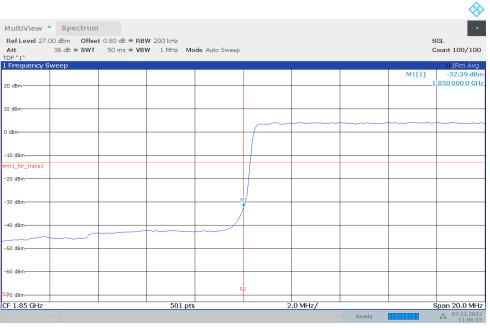


11:05:12 07.11.2022



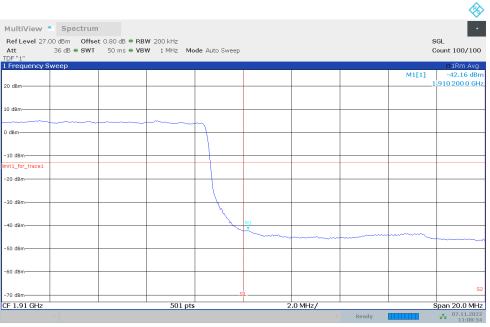


## LOW BAND EDGE BLOCK-20M-100%RB



11:06:54 07.11.2022

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



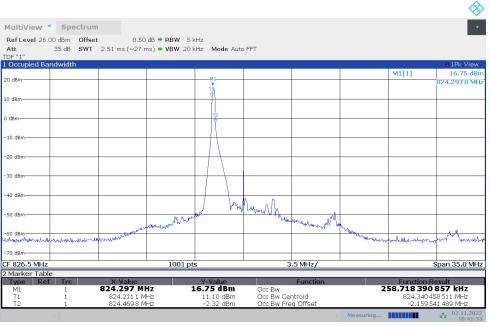
11:08:35 07.11.2022





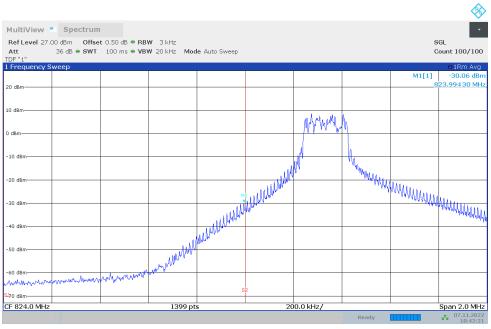
# NR n5

#### OBW: 1RB-LOW\_offset



10:41:34 07.11.2022

# LOW BAND EDGE BLOCK-1RB-LOW\_offset



10:42:21 07.11.2022



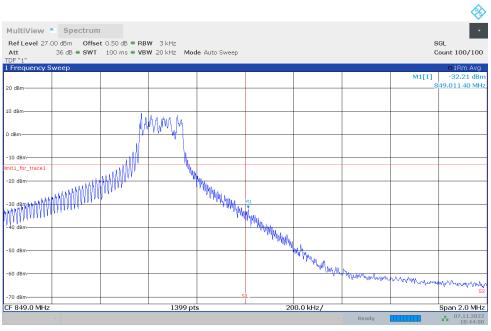


#### OBW: 1RB-HIGH\_offset



10:43:13 07.11.2022

# HIGH BAND EDGE BLOCK-1RB-HIGH\_offset

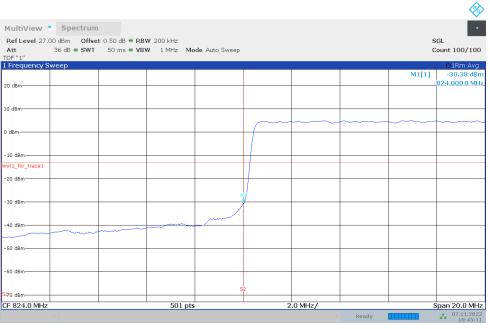


10:44:00 07.11.2022



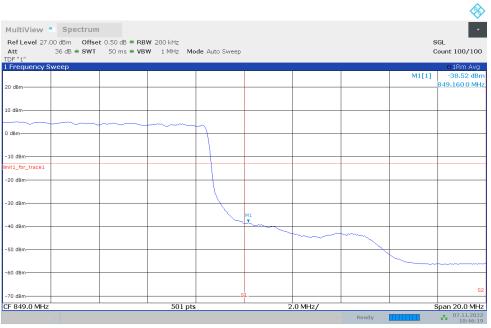


## LOW BAND EDGE BLOCK-20M-100%RB



#### 10:45:12 07.11.2022

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



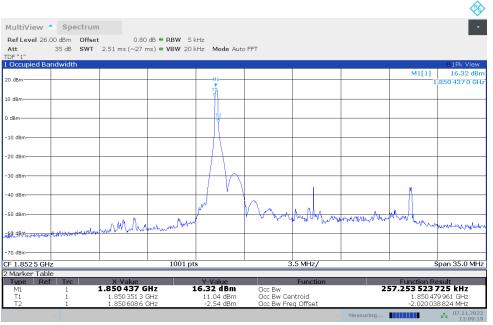
10:46:20 07.11.2022





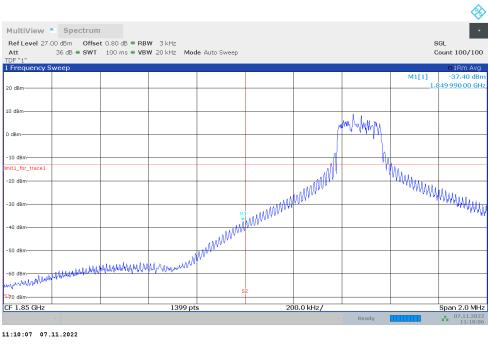
#### **NR n25**

#### OBW: 1RB-LOW\_offset



11:09:20 07.11.2022

#### LOW BAND EDGE BLOCK-1RB-LOW\_offset

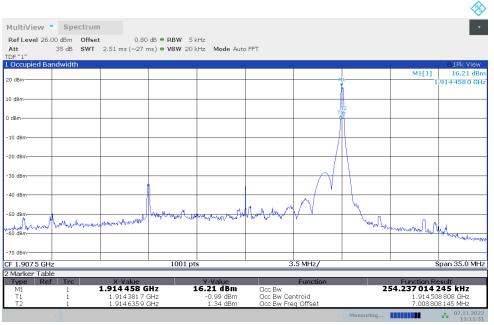


11:10:07 07.11.2022



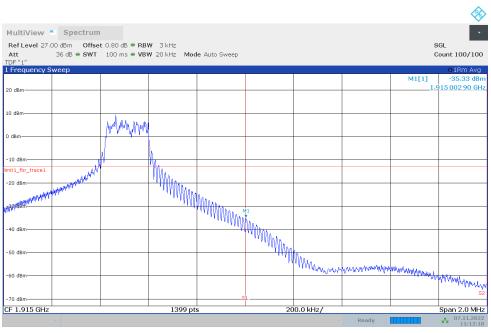


#### OBW: 1RB-HIGH\_offset



11:11:31 07.11.2022

## HIGH BAND EDGE BLOCK-1RB-HIGH\_offset

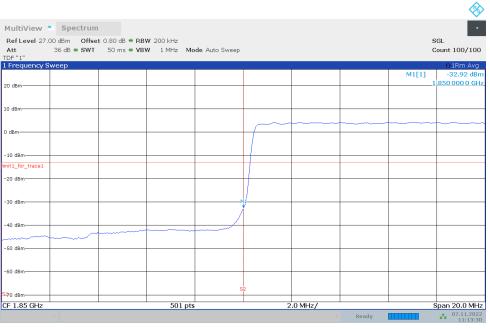


11:12:19 07.11.2022



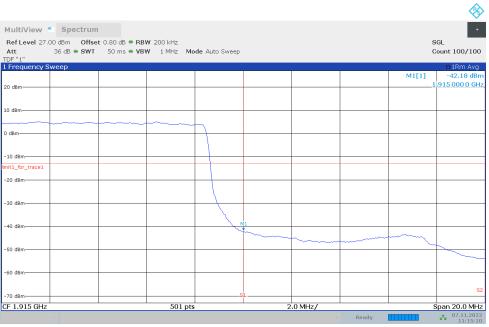


## LOW BAND EDGE BLOCK-20M-100%RB



11:13:31 07.11.2022

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



11:15:10 07.11.2022





# NR n41

# OBW: 1RB-LOW\_offset

AultiView	Spectru	Im							-
Att	.00 dBm Offs 34 dB SW1	set 1.20 d Γ 837 μs (~11 ms	B <b>= RBW</b> 5 kH ) <b>= VBW</b> 20 kH		FFT				_
DF "1" Occupied B	andwidth								01Pk View
								M1[1]	12.92 dBr
) dBm	м	11						2.4	496 916 60 GF
I dBm	. A hourd	<b>1</b>							
upill	A way	1							
dBm	т								
	1	Matamummy 						1	
.0 dBm	- M	1907.							
0 dBm M	Apr.,	TO WAY AND	u.					1	
0 dBm		. 9.99	Polyage Michigan						
0 dBm			Manie II.	MAGALL					
0 dBm				and a share the state of the	un.				
					THAN HALLAN			1	
0 dBm					- www.holly	Malaman			
						1111.0. MANANT.	www.www.www.	mound	monor
0 dBm									
i0 dBm									
70 dBm									
F 2,498 5 GF			1001 pt		FO	0.0 kHz/			Span 5.0 MH
- 2.4985 Gr Marker Tab			1001 pt	3	50	0.0 KHZ/			Span 5.0 MH
Type Re		X-Value		Y-Value		Function		Function R	esult
M1	1	2.496 916 6 0		.2.92 dBm	Occ Bw		53	37.011 006	943 kHz
T1 T2	1	2.496 611 31 2.497 148 32		-3.41 dBm -8.21 dBm	Occ Bw Cer Occ Bw Fre			2.49687 -1.62018	79818 GHz

11:17:40 07.11.2022

# LOW BAND EDGE BLOCK-1RB-LOW\_offset

MultiView	<ul> <li>Spectrun</li> </ul>	1							-
	.00 dBm Offse								
Att DF "1"	28 dB 🖷 SWT	3 s 👄 VB'	₩ 100 kHz Mo	de Auto Sweep					
Frequency	Sweep	1			1				●1Rm View
								M1[1]	-27,23 dB
0 dBm								2.	495 985 00 GI
0 dBm									
dBm									
10 dBm									
hit1_for_trace1									
20 dBm									
BO dBm									
						······································	min		
40 dBm		A 14 444 A		- manager	- Andrews				
www.w	monor	Maran Mana.							
50 dBm									
60 dBm									
70 dBm	1	1							1

11:18:20 07.11.2022

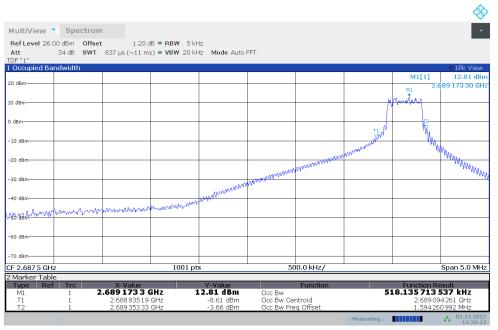




MultiView 📲	Spectru	112							
Ref Level 27.00 de									
			BW 1 MHz BW 5 MHz Mode	e Auto Sweep					
Frequency Swee	p								●1Rm View
								M1[1]	-13,15 dB
0 dBm								2	.494 995 0 GI
) dBm		_							
dBm									
10 dBm									
	Г								
20 dBm									1
hit1_for_trace1									
30 dBm									m
30 dBm				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		mm	manna	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
m	······	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					
40 dBm									
50 dBm									
60 dBm		-	+						
70 dBm									
.489 5 GHz			501 pts		55	50.0 kHz/			2.495 Gł

11:19:01 07.11.2022

# OBW: 1RB-HIGH\_offset

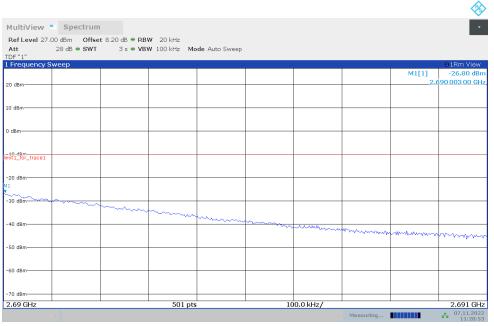


11:20:14 07.11.2022





## HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



11:20:54 07.11.2022

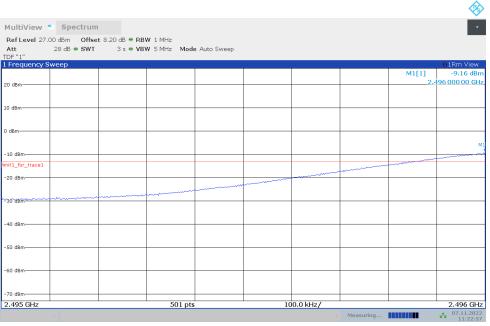
								\$
MultiView 🗧 Spe	ctrum							•
Ref Level 27.00 dBm Att 28 dB ( DF "1"	Offset 8.20 dB ● RE SWT 3 s ● VE		e Auto Sweep					
Frequency Sweep				-	1			01Rm View
20 dBm							M1[1]	-15.21 dBm 2.691 009 0 GHz
LO dBm								
) dBm								
10-d8m								
10.dBm mt1_for_trace1								
20 dBm								
30 dBm	www.hww.hww.hww.hww.hww.hww.hww.hww.hww							
40 dBm			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	mmm	Marken market	mm		
50 dBm								
60 dBm								
70 dBm		F01-1-						0.7.01
2.691 GHz		501 pts			00.0 kHz/	Measuring		2.7 GHz 07.11.2022 11:21:34

11:21:35 07.11.2022



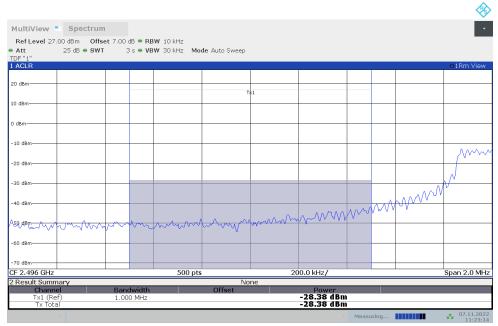


## LOW BAND EDGE BLOCK-100M-100%RB



11:22:58 07.11.2022

#### **Channel Power**



11:23:15 07.11.2022





4ultiView 📒 Sj	pectrum							
	n Offset 8.20 dB ● 3 ● SWT 3 s ●							
DF "1"		ARM 2 MHZ MOD	e Auto Sweep					
Frequency Sweep						1	M1[1]	•1Rm Viev -28,37 dB
) dBm								490 614 0 G
J dBm								
) dBm								
abm-								
10								
dBm								
10 dBm								
20 dBm iit1_for_trace1								
80-88m	M1							
SU GBM								
40 dBm								
+0 ubm								
50 dBm								
Jo dont								
50 dBm								
ou aism								
70 dBm								
2.4895 GHz		501 pts		5	50.0 kHz/			2.495 Gł
		501 pts	,			Measuring		07.11.202 11:23:5

11:23:55 07.11.2022

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

MultiView 📲	Spectrum							
Ref Level 27.00			W 1 MHz					
Att 2			W 5 MHz Mod	e Auto Sweep				
DF "1" Frequency Swi	een							●1Rm View
Trequency 510	cep						M1[1]	-25.01 dB
0 dBm								690 330 30 GH
0 dBm								
, abiii								
dBm								
10-dBm iit1_for_trace1								-
20 dBm			M1					+
mm	mm	-	mitimum	mon		mun	 	harmon
30 dBm								
40 dBm								
50 dBm								
So dbiii								
60 dBm								1
70 dBm								
2.69 GHz			501 pts		10	0.0 kHz/		2.691 GH

11:25:38 07.11.2022





AultiView - Spec	trum							•
	Offset 8.20 dB • RBW 1							_
DF "1"	SWT 3 s • VBW 5	MHz Mode	Auto Sweep					
Frequency Sweep							M1[1]	<ul> <li>1Rm View</li> <li>-25,46 dBr</li> </ul>
0 dBm							MILI	2.692 070 GH
, abin								
D dBm								
dBm								
10-dBm iit1_for_trace1								
20 dBm								
m								
30 dBm	hanne -							
		my						
40 dBm			m					
				~				
50 dBm								
60 dBm								
70 dBm								
2.691 GHz		501 pts		1	1.9 MHz/			2.81 GH
~						Measuring		07.11.2022

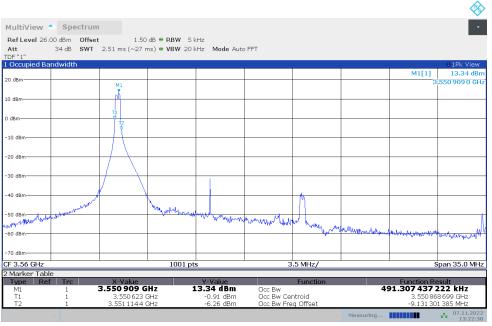
11:26:18 07.11.2022





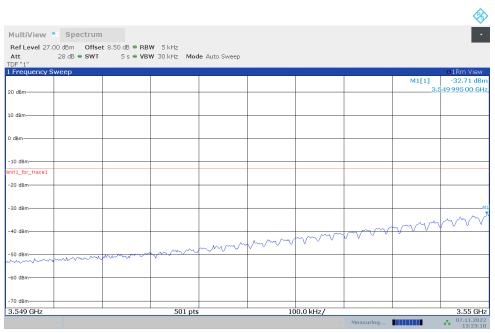
#### NR n48

#### OBW: 1RB-LOW\_offset



13:22:39 07.11.2022

## LOW BAND EDGE BLOCK-1RB-LOW\_offset



13:23:19 07.11.2022





								~
lultiView 🝨 S	Spectrum							-
	m Offset 8.50 dB							_
DF "1"		• VBW 5 MHz Mode A	uto Sweep					
Frequency Swee	p						M1[1]	• 1Rm View -16.23 dBr
D dBm							M1[1]	-16.23 dB
i ubm								
) dBm								
dBm								
10 dBm								
20 dBm								
30 dBm								
it1_for_trace1								
40 dBm		(						
50 dBm								
o upin								
60 dBm								
70 dBm								
3.52 GHz	1	501 pts		2	.9 MHz/	1		3.549 GH
						Measuring		07.11.2022 13:23:58

13:23:59 07.11.2022

MultiView Spec	trum							
	Offset 8.50 dB • RBW	5 kHz						
Att 28 dB 🖷			e Auto Sweep					
TDF "1" I Frequency Sweep								●1Rm View
							M1[1]	-60.34 dBm
20 dBm							3.5	65 038 90 GHz
LO dBm								
D dBm								
-10 dBm								
nit1_for_trace1								
-20 dBm								
-30 dBm								
-40 dBm								
-50 dBm								
-60 dBm								
-ou alle when the war	mmmum	Maria	man	mmm	mon	mmm	mmm	mm
-70 dBm				· · · · · · · · · · · · · · · · · · ·				
		501		10				0.544.00
3.565 GHz		501 pts		10	0.0 kHz/			3.566 GHz 07.11.2022 13:24:37

13:24:38 07.11.2022

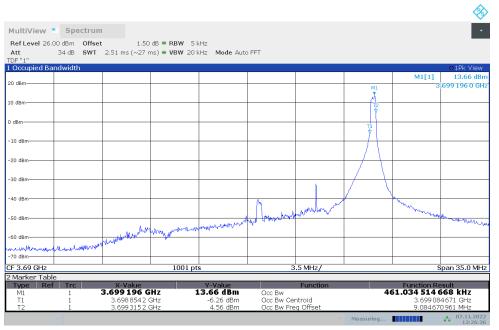




MultiView Spectrum							
	0.50 ID 0.0000 1.100						
Ref Level 27.00 dBm Offset Att 28 dB • SWT	5 s • VBW 5 MHz Mod	Auto Sween					
DF "1"		B / Idio Officep					
Frequency Sweep		1				M1[1]	• 1Rm View -41.32 dB
D dBm							3,566 072 0 G
dBm							
I dBm-							
dBm							
LO dBm							
it1_for_trace1							
20 dBm							
							-
30 dBm							+
40 dBm							+
50 dBm							
i0 dBm							+
70 dBm							+
.566 GHz	501 pts		2	.4 MHz/			3.59 GH

13:25:18 07.11.2022

# OBW: 1RB-HIGH\_offset

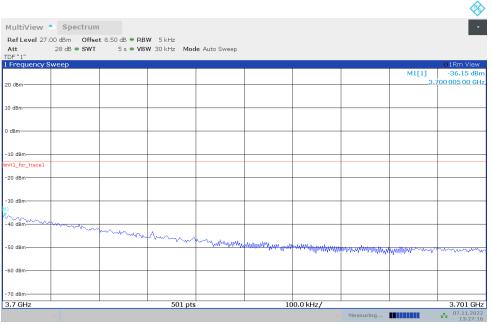


13:26:37 07.11.2022

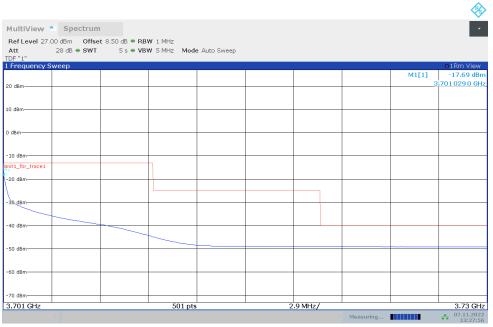




# HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



13:27:17 07.11.2022



13:27:57 07.11.2022





									<b>\$</b>
MultiView	Spectrum	1							-
Att	.00 dBm Offse 28 dB • SWT		WI 5 kHz NF 30 kHz Moo	le Auto Sweep					
TDF "1" 1 Frequency S	Sweep								•1Rm View
								M1[1]	-55.63 dBm
20 dBm								3.6	89 983 00 GHz
10 dBm									
0 dBm									
-10 dBm									
limit1_for_trace1									
-20 dBm									
-30 dBm									
-40 dBm									
-50 dBm									
									M1
-60 dBm							m	mon	mont
My when we want	man man	www.www	mum	mmmm	mont	m www. WWW	[~·· `		
-70 dBm									
3.689 GHz			501 pts		10	10.0 kHz/			3.69 GHz
0.009 0112	~		501 pts		10	10.0 KHZ/	Measuring		• 07.11.2022
									13:28:36

13:28:37 07.11.2022

									<u>s</u>
	<ul> <li>Spectrum</li> </ul>								
Ref Level 27. Att	.00 dBm Offse 28 dB • SWT		WIMHz WI5MHz Mode	Auto Swoon					
DF "1"		5 S 🖶 VB	W STATIZ MOU	e Auto Sweep					
Frequency S	Sweep	1	1	1	1		1		O1Rm View
								M1[1]	-38.61 dBr 3,6826100 GH
0 dBm									3.082 010 0 GH
) dBm									
dBm									
LO dBm									
20 dBm									
it1_for_trace1									
30 dBm									
						M1			
40 dBm						X.			
							·		
50 dBm									
o dom -									
60 dBm									
70 dBm									
3.67 GHz			501 pts			1.9 MHz/			3.689 GHz
	~						Measuring		07.11.2022 13:29:16

13:29:17 07.11.2022





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

ultiView	Spectrun	1							
		et 8.50 dB 🖷 RB'	N 1 MHz						
tt = "1"	28 dB 🖷 SWT	5 s 👄 VB1	N 5 MHz Mode	e Auto Sweep					
requency Sv	weep								o1Rm View
								M1[1]	-13.95 dBm
dBm								3.	49 999 00 GHz
dBm-									
iBm									
) dBm									MI
1_for_trace1									
) dBm									
I dBm									
) dBm									
) dBm									
) dBm									
0 dBm									
549 GHz		1	501 pts		10	0.0 kHz/	1	I	3.55 GHz

13:30:26 07.11.2022

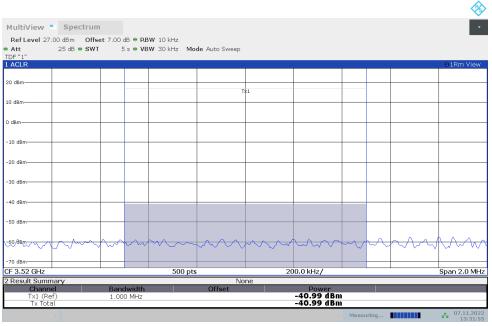
									R
MultiView '	Spectrum	1							
	00 dBm Offse		W 1 MHz						
Att DF "1"	28 dB 🖷 SWT	5 s 🖷 VB1	W 5 MHz Mode	e Auto Sweep					
Frequency S	Sweep	1	1		1	T			o1Rm View
a								M1[1]	-39.39 dBr 3.520 000 0 GH
) dBm									
0 dBm									
dBm									
LO dBm									
20 dBm									
30 dBm									
it1_for_trace1								· · · · · · · · · · · · · · · · · · ·	
50 dBm									
50 dBm									-
70 dBm									
3.52 GHz			501 pts		2	2.9 MHz/		I	3.549 GH
	~						Measuring		07.11.2022 13:31:05

13:31:06 07.11.2022





#### **Channel Power**



13:31:56 07.11.2022

4ultiView	Casekuum								
Ref Level 27.00 d									
			SWF1 MHz SWF5 MHz Mod	e Auto Sween					
DF "1"		0000							
Frequency Swee	ep		1	1	1	T	1	141513	• 1Rm View -36,78 dB
								M1[1]	-36,78 dB
) dBm									
dBm-									
dBm									
.0 dBm									
it1_for_trace1									
0 dBm									
IO dBm									
L									
10 dBm									
0 dBm									
i0 dBm			+				+		+
0 dBm									
.65 GHz			501 pts	5	10	0.0 kHz/			3.651 GH

13:32:36 07.11.2022





MultiView Sp								*
	Offset 8.50 dB ● F ● SWT 5 s ● V		e Auto Sweep					
Frequency Sweep								01Rm View
							M1[1]	-37,87 dBr
0 dBm								3.655240 GH
0 dBm								
) dBm								
10 dBm								
nit1_for_trace1								
20 dBm								
-30 dBm								
			_					
-40 dBm			$\sim$					
50 dBm								
SU UBIN								
-60 dBm								
00 00 00 00 00 00 00 00 00 00 00 00 00								
-70 dBm								
3.651 GHz	I	501 pts	<u> </u>	1	0.9 MHz/			3.76 GH
					015 IIII IL7	Measuring		07.11.202

13:33:15 07.11.2022

ACLR

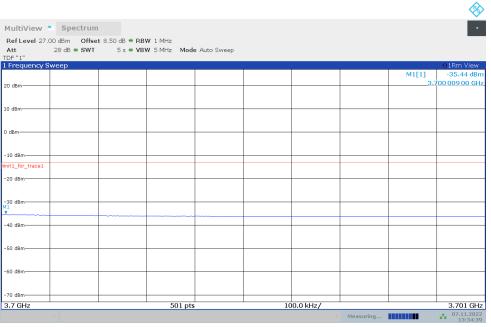


13:33:33 07.11.2022





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



13:34:40 07.11.2022

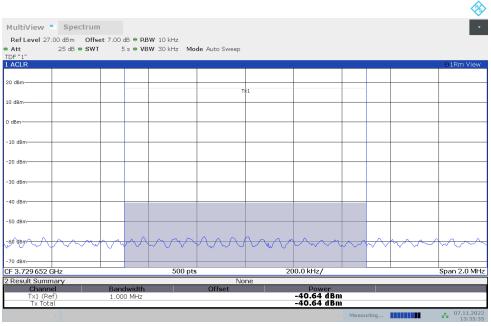
							<b></b>
MultiView Sp	ectrum						
	Offset 8.50 dB ● R ● SWT 5 s ● V		e Auto Sweep				
Frequency Sweep							o1Rm View
20 dBm						M1[1]	-38.97 dBn 3.729 652 0 GH:
0 dBm							+
) dBm							+
10 dBm							
nit1_for_trace1							
20 dBm							
30 dBm							
40 dBm				 h			M
50 dBm							
60 dBm							
70 dBm							
3.701 GHz	I	501 pts		2.9 MHz/			3.73 GHz
~		001 pts			- Measuring		07.11.2022 13:35:19

13:35:20 07.11.2022





### **Channel Power**



13:35:36 07.11.2022

								<b>\$</b>
MultiView 📑	Spectrum							-
Ref Level 27.00 df Att 28		W/1MHz W/5MHz Mode	e Auto Sweep					
Frequency Swee	эр							01Rm View
20 dBm							M1[1] 3.	-14.38 dBm 99 999 00 GHz
10 dBm								
0 dBm								
-10 dBm								
mit1_for_trace1								
-20 dBm								
-30 dBm								
-40 dBm								
40 ubin								
-50 dBm								
-60 dBm								
-70 dBm								
3.599 GHz		 501 pts		11	0.0 kHz/			3.6 GHz
-		001 pt0				Measuring		07.11.2022 13:36:15

13:36:16 07.11.2022





MultiView Sp	ectrum							
Ref Level 27.00 dBm		<b>RBW</b> 1 MHz						_
Att 28 dB	● SWT 5 s ● \	BW 5 MHz Mode	Auto Sweep					
DF "1" Frequency Sweep								01Rm View
							M1[1]	-37.00 dB
0 dBm								3.553 200 G
D dBm								-
dBm								
10 dBm								
20 dBm								
30 dBm								
ait1 for trace1				M1				
hit1_for_trace1	~	_	$\sim$	$\sim$				
$ \rightarrow  $								
50 dBm								
60 dBm								-
70 dBm							<u> </u>	-
3.49 GHz		501 pts		1(	0.9 MHz/	Measuring		3.599 GH 

13:36:56 07.11.2022

ACLR



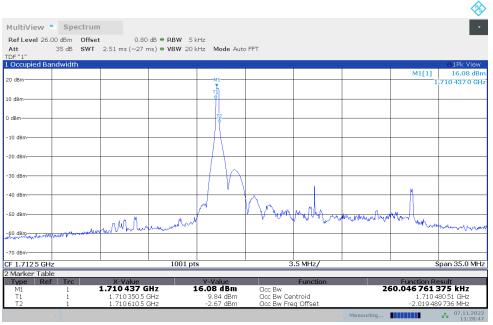
13:37:14 07.11.2022





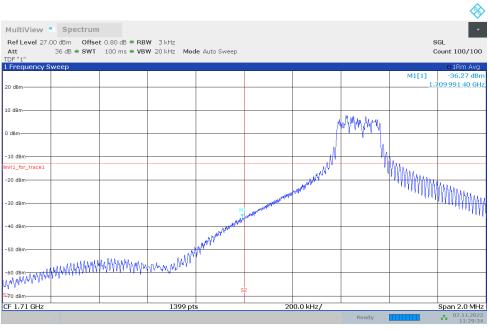
#### **NR n66**

### OBW: 1RB-LOW\_offset



11:28:48 07.11.2022

## LOW BAND EDGE BLOCK-1RB-LOW\_offset



11:29:35 07.11.2022



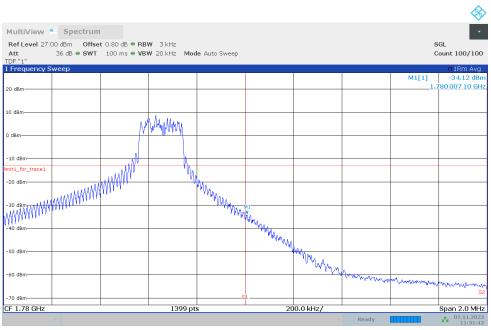


### OBW: 1RB-HIGH\_offset



11:30:55 07.11.2022

### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset

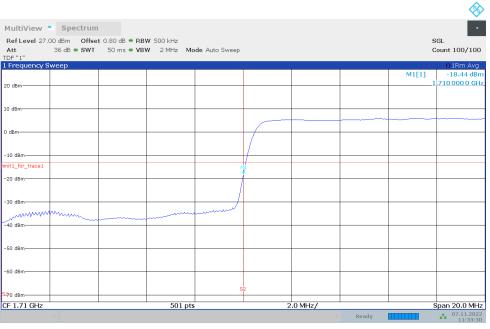


11:31:42 07.11.2022



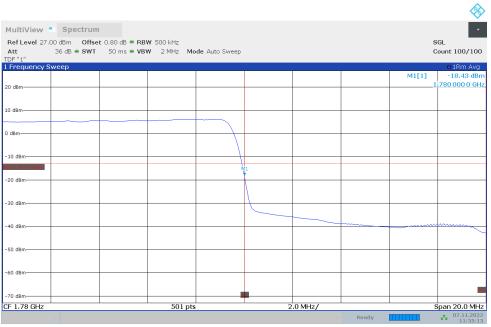


### LOW BAND EDGE BLOCK-40M-100%RB



11:33:31 07.11.2022

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

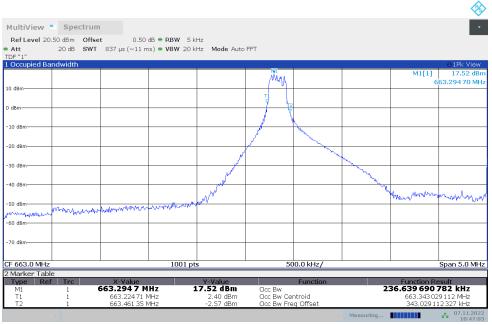


11:35:14 07.11.2022



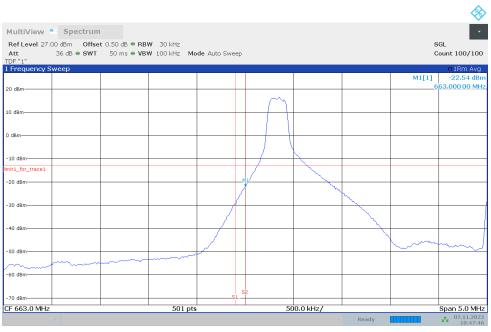


## NR n71 OBW: 1RB-LOW\_offset



10:47:04 07.11.2022

## LOW BAND EDGE BLOCK-1RB-LOW\_offset

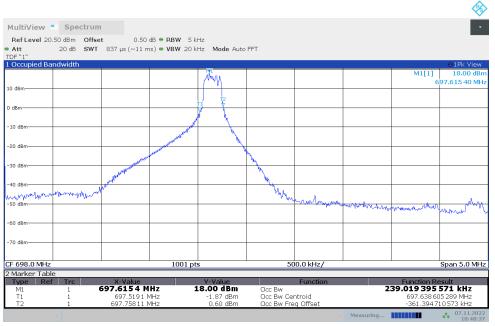


10:47:46 07.11.2022



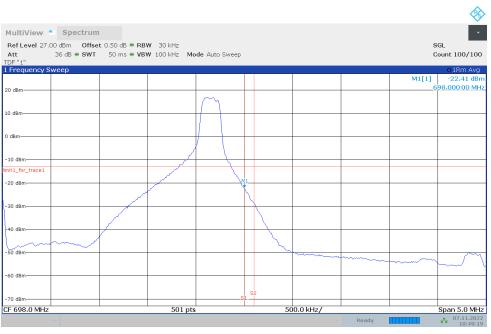


### OBW: 1RB-HIGH\_offset



10:48:37 07.11.2022

### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset

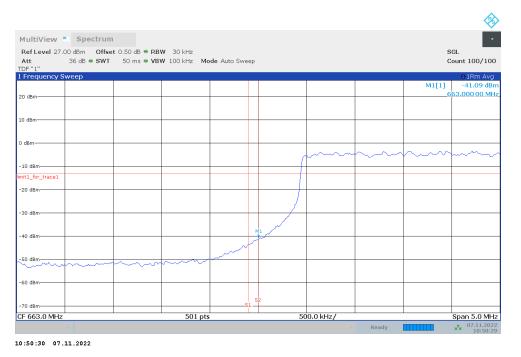


10:49:19 07.11.2022

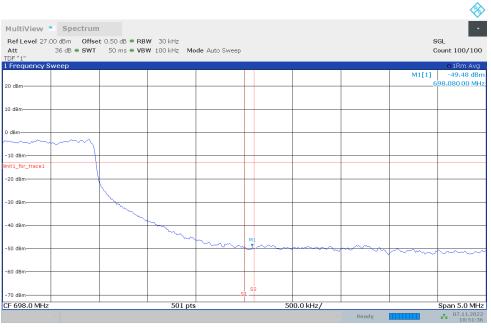




### LOW BAND EDGE BLOCK-20M-100%RB



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



10:51:37 07.11.2022





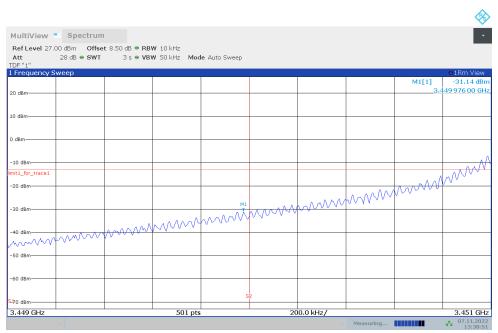
# NR n77L

## OBW: 1RB-LOW\_offset

									<b></b>
	Spectrum								•
Ref Level 26.) Att	00 dBm Offset	: 1.50 d 837 µs (∼11 ms	B = RBW 5 kH		FFT				
DF "1"		007 µ0 ( 11 m	5) ° <b>1</b> B H 2014	in the state					
Occupied Ba	ndwidth	1							01Pk View
D dBm								M1[1]	12.24 dBn 451 321 20 GH
		M1							.45132120 GH.
) dBm		monorbit							
		1							
dBm									
	T	\$P \	Т2						
10 dBm		r .	4 <u>7</u>						
	JONNY		with man						
20 dBm	nal NORANY		11111	WWWWWWWWW					
MANNANAN					MAMMAMAMA	100000000000000000000000000000000000000			
d dBm	www.www						MWWWWWWWWWW		
								WWWWWWWW	MAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
10 dBm									C SAMARONO WWW
50 dBm									
o asm									
50 dBm									
o dom									
70 dBm									
F 3.452 5 GH			1001 pt		50	0.0 kHz/			Span 5.0 MHz
Marker Tabl			1001 pt	,	50	0.0 KHZ/			Span 5.0 Minz
Type Ref	Trc	X-Value		Y-Value		Function		Function R	tesult
M1	1 3	.451 321 2 0		2.24 dBm	Occ Bw		5	87.168 686	585 kHz
T1 T2	1	3.450 992 16 3.451 579 33		-7.01 dBm -9.23 dBm	Occ Bw Cer Occ Bw Fre				5 748 GHz 2 097 MHz
1.4		0.10107000	0.10	5.25 GDITI	SSS DWITE	q onoot		1.21725	07.11.2022

13:38:12 07.11.2022

## LOW BAND EDGE BLOCK-1RB-LOW\_offset



13:38:52 07.11.2022





MultiView - Spectrum							
Ref Level 27.00 dBm Offset							
	ss <b>e VBW</b> 3MHz Mi 3s <b>e VBW</b> 3MHz Mi	ode Auto Sweep					
DF "1"							o IDen Mari
Frequency Sweep						M1[1]	01Rm Viev -27,02 dE
) dBm							448 996 00 G
I dBm							
dom -							
dBm							
abin							
0 dBm							
it1_for_trace1							
0 dBm							
0 dBm						m	m
			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				
,D <sub>V</sub> dBm							
i0 dBm							
0 dBm							
0 dBm	E01 - t		40	0.0.1.1 (			3.449 G
.445 GHz	501 pt	8	40	0.0 kHz/	Measuring		07.11.20 13:39:

13:39:30 07.11.2022

## OBW: 1RB-HIGH\_offset

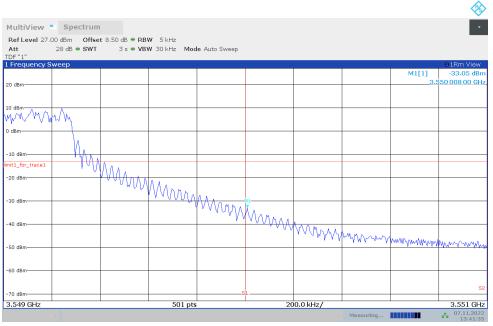


13:40:56 07.11.2022





### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



13:41:36 07.11.2022

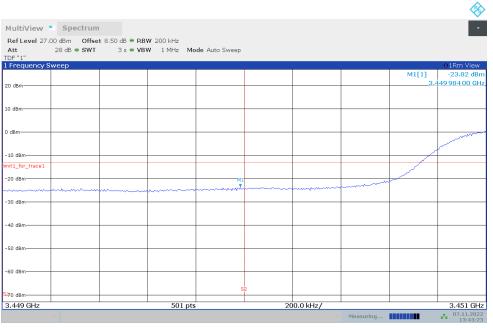
					×
MultiView Spectru					
	set 8.50 dB 🖷 RBW 500 kHz				
Att 28 dB • SW DF "1"	'T 3 s ● VBW 3 MHz	Mode Auto Sweep			
Frequency Sweep					o1Rm View
					M1[1] -28.20 dB
0 dBm					3.551 027 90 GF
) dBm					
dBm					
10 dBm					
it1_for_trace1					
20 dBm					
30/dBm mmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmm	No. 100				
a state of the back	Mannan	nonmon	mmmmmm		
40 dBm				mann	mounterproperty
50 dBm					
60 dBm					
70 dBm					
3.551 GHz		1 pts	400.0 kHz/		3.555 GH

13:42:14 07.11.2022





### LOW BAND EDGE BLOCK-90M-100%RB



13:43:24 07.11.2022

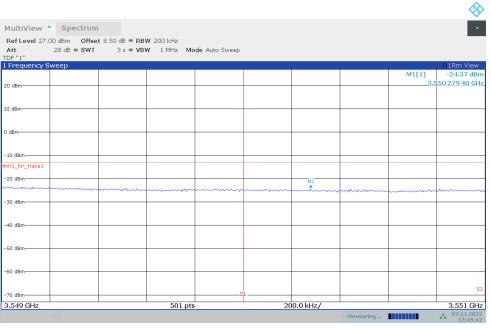
MultiView = Ref Level 27.00 ( Att 28									~
Ref Level 27.00									
		9 50 dB DB	M 500 kHz						
			N 3 MHz Mo	de Auto Sweep					
DF "1" Frequency Swe	00								●1Rm View
Trequency Swe	.ep							M1[1]	-20.40 dBr
0 dBm								3.4	48 988 00 GH
0 dBm									
I dBm									
10 dBm									
nit1_for_trace1									
20 dBm									1
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			·····	, , , , , , , , , , , , , , , , , , ,	·······
30 dBm									
SU UBIII									
40 dBm									
40 UBIN									
50 dBm									
ou ubiii									
60 dBm									
ou usm									
70 dBm			E01			0.0.1.1.2./			2 440 011
3.445 GHz			501 pts		41	00.0 kHz/	Measuring		3.449 GHz 07.11.2022 13:44:02

13:44:03 07.11.2022





### HIGH BAND EDGE BLOCK-90M-100%RB



13:45:43 07.11.2022

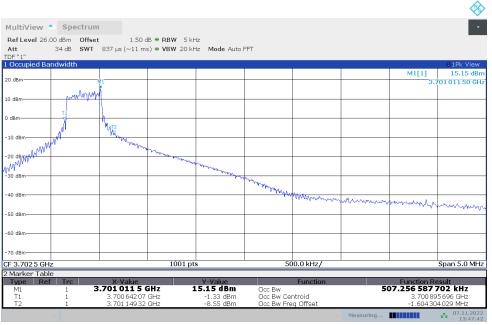
MultiView 📲	Spectrum								
Ref Level 27.00	dBm Offset			de Auto Sweep					
l Frequency Swe	еер								o1Rm View
								M1[1]	-20.60 dBm
20 dBm								3.:	51 131 70 GHz
.0 dBm									
dBm									
10 dBm									
mit1_for_trace1 M1									
20 gBm		· · · · · · · · · · · · · · · · · · ·	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		~~~~~~~	~~~~~	- market and the second		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
30 dBm									
-40 dBm									
50 dBm									
-60 dBm									
-70 dBm									
3.551 GHz	_		501 pts		40	00.0 kHz/			3.555 GHz
							Measuring		07.11.2022 13:46:20

13:46:21 07.11.2022



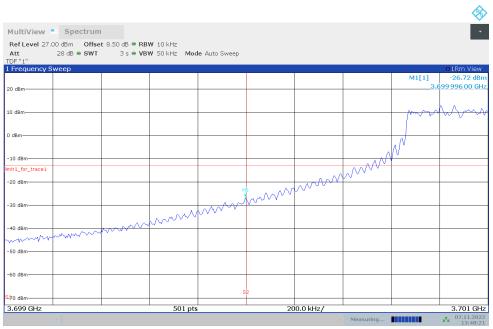


## NR n77H OBW: 1RB-LOW\_offset



13:47:43 07.11.2022

## LOW BAND EDGE BLOCK-1RB-LOW\_offset



13:48:22 07.11.2022

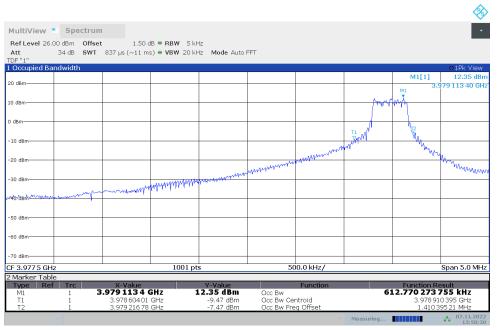




MultiView - Spe	ctrum							
Ref Level 27.00 dBm		DRW 500 kHz						
		VBW 3 MHz Mo	de Auto Sweep					
Frequency Sweep					1	1	1	01Rm View
							M1[1]	-27.62 dB 98 972 10 GF
0 dBm							3,	398 972 IU GF
0 dBm-								
l dBm								
10 dBm								
nit1_for_trace1								
20 dBm								
30 dBm				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	······	
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~						
40 dBm								
-50 dBm								
SU UBM								
-60 dBm								
00 000								
-70 dBm								
3.695 GHz		501 pts	1	40	0.0 kHz/	1	I	3.699 GH
~						Measuring		07.11.202 13:49:0

13:49:01 07.11.2022

## OBW: 1RB-HIGH\_offset

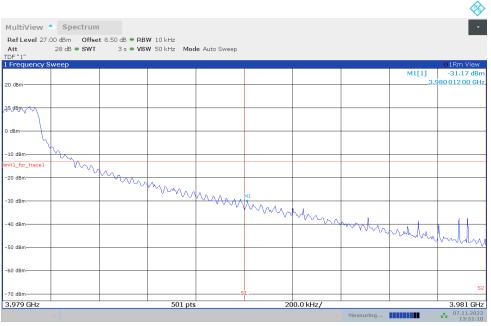


13:50:31 07.11.2022

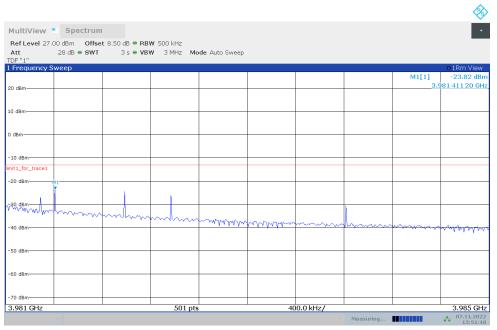




## HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



13:51:11 07.11.2022

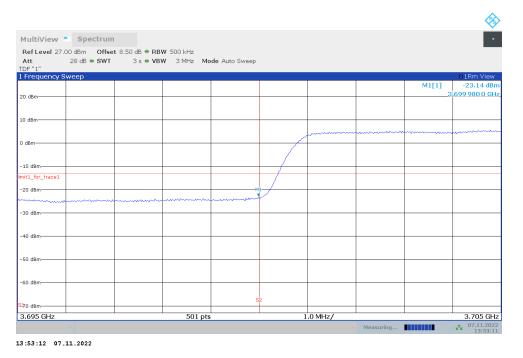


13:51:49 07.11.2022

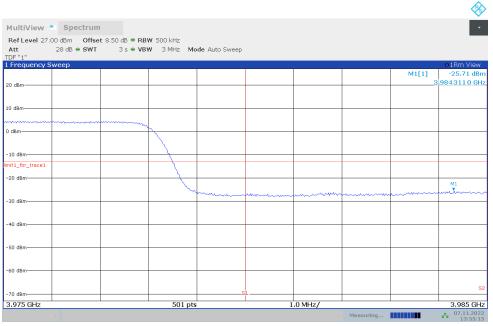




### LOW BAND EDGE BLOCK-100M-100%RB



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



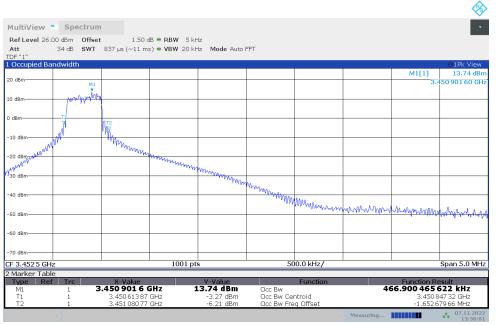
13:55:16 07.11.2022





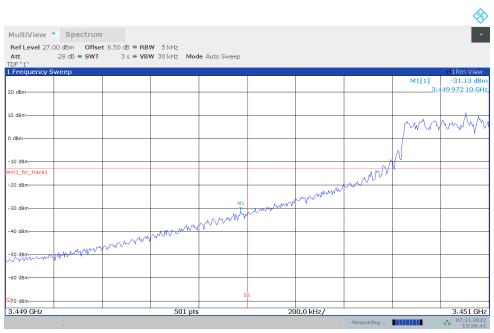
#### NR n78L

### OBW: 1RB-LOW\_offset



13:56:02 07.11.2022

### LOW BAND EDGE BLOCK-1RB-LOW\_offset



13:56:42 07.11.2022

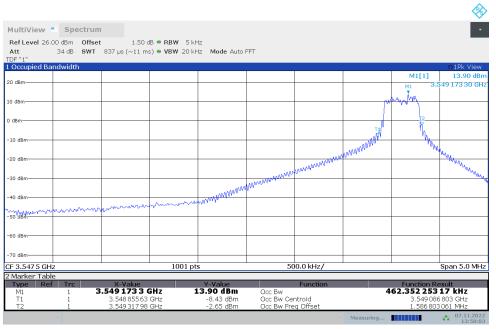




MultiView Spectrum						
Ref Level 27.00 dBm Offset						
	3 s ● VBW 3 MHz Mo	de Auto Sweep				
Frequency Sweep						01Rm View
					M1[1]	-31.31 dB 448 996 00 GH
D dBm-					3.	48 996 00 0
0 dBm						
dBm-						
10 dBm						
iit1_for_trace1						-
20 dBm						
30 dBm						
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50 dBm						
60 dBm						
oo dom						
70 dBm						
8.445 GHz	501 pts		400.0 kHz/		1	3.449 GH
				Measuring		07.11.202

13:57:20 07.11.2022

## OBW: 1RB-HIGH\_offset

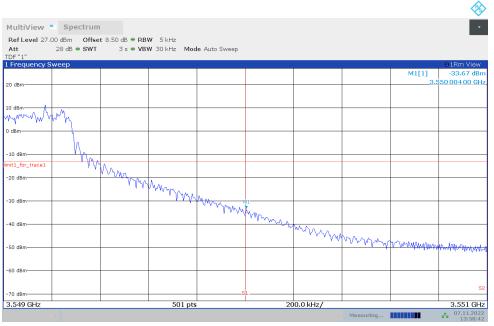


13:58:04 07.11.2022





### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



13:58:43 07.11.2022

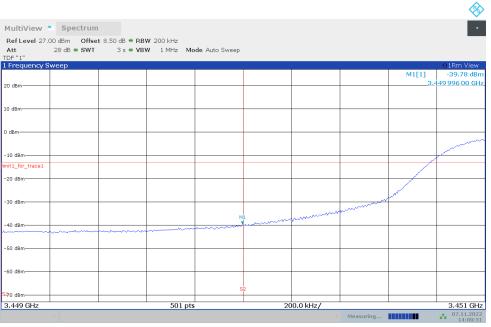
1ultiView									-
Ref Level 27.) Att	00 dBm Offse 28 dB • SWT	t 8.50 dB • RB	WF 500 kHz WF 3 MHz Moo	de Auto Curren					
DF "1"		3 S 🖷 VB		de Auto Sweep					
Frequency S	weep	1							O1Rm View
								M1[1]	-29.54 dB 51 027 90 GF
dBm								0	5102790 0
dBm									
dBm									
0 dBm									
t1_for_trace1									
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000000000000	www.www	mmmm	MMMMMM	MAMAMAAAAAAAA					
0 dBm					000000000000000000000000000000000000000	wiwiwiwiwi	www.www	MAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	hintennen
								1.1	1 1 1 1
0 dBm									
) dBm									
) dBm									
551 GHz			501 pts		40	)0.0 kHz/			3.555 G⊦

13:59:21 07.11.2022





### LOW BAND EDGE BLOCK-90M-100%RB



14:00:32 07.11.2022

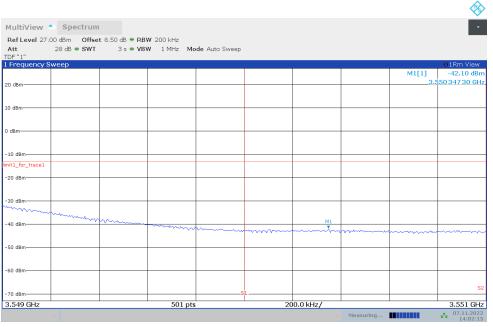
									<b></b>
4ultiView	- Spectrum	1							
	.00 dBm Offse								
Att DF "1"	28 dB 🖷 SWT	3 s 🖷 VB1	W 3 MHz Mo	de Auto Sweep					
Frequency S	Sweep		1			1	1		O1Rm View
0 dBm								M1[1] 3.	-38.49 dBi 448 884 20 GH
J GBM-									
0 dBm									
dBm									
10 dBm									
nit1_for_trace1									
20 dBm									-
30 dBm									-
									M1
40-dBm <del>`~~~~~ ^</del>									
50 dBm									
60 dBm									
70 dBm									
3.445 GHz	1	1	501 pts		40	0.0 kHz/		1	3.449 GH
	~						Measuring		07.11.2022 14:01:09

14:01:10 07.11.2022

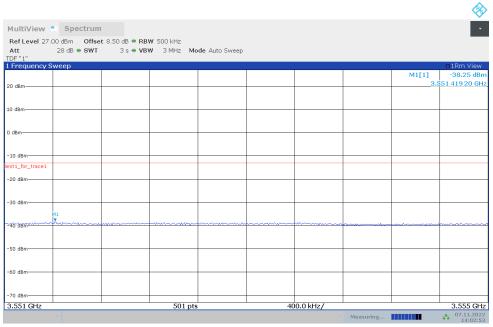




### HIGH BAND EDGE BLOCK-90M-100%RB



14:02:16 07.11.2022



14:02:54 07.11.2022

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  $2 \times \text{span/RBW}$ .

## 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 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 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.

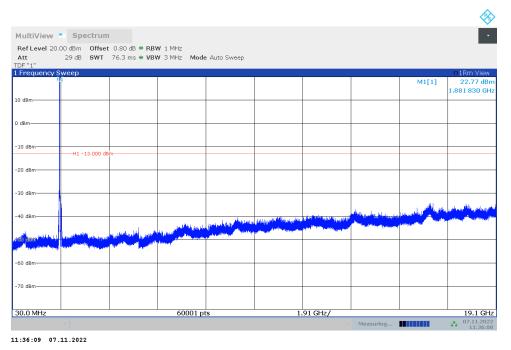




### A. 7.3 Measurement result

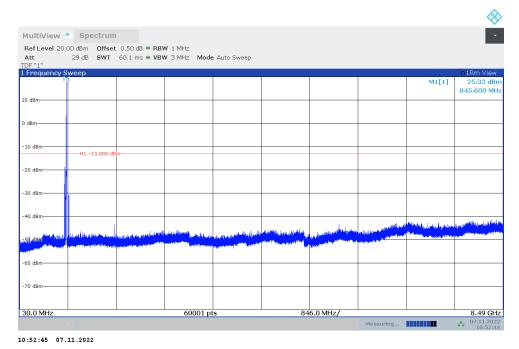
### n2

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



## n5

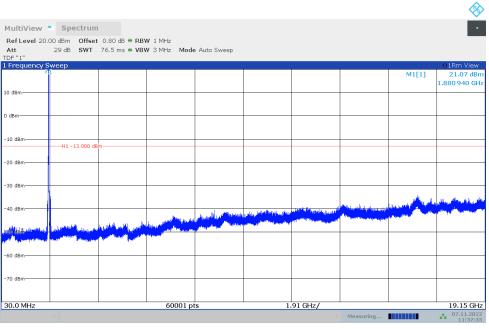
## NOTE: peak above the limit line is the carrier frequency.







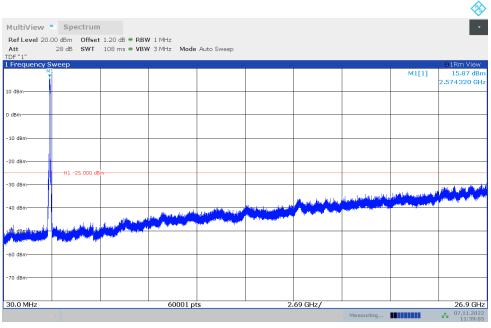
## n25 NOTE: peak above the limit line is the carrier frequency.



11:37:35 07.11.2022

## n41

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

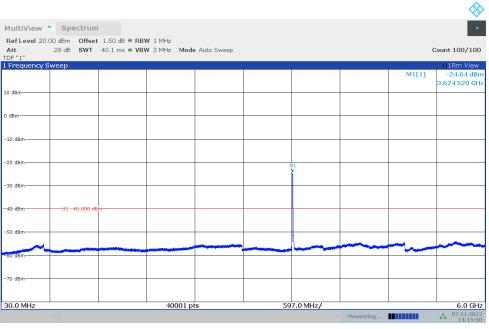


11:39:05 07.11.2022

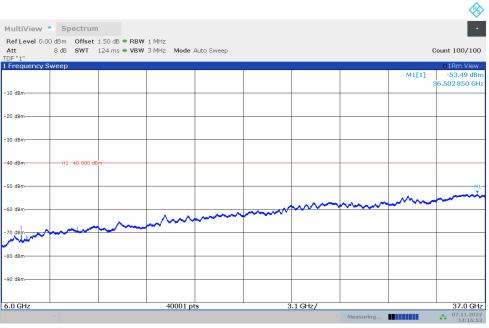




## n48 NOTE: peak above the limit line is the carrier frequency.



14:15:50 07.11.2022

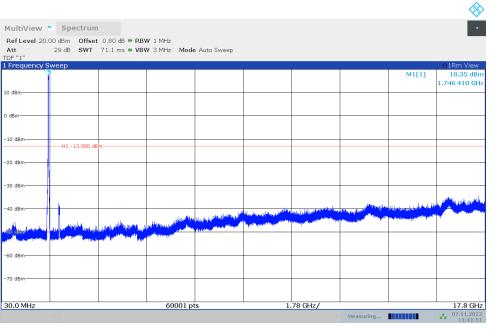


14:16:54 07.11.2022



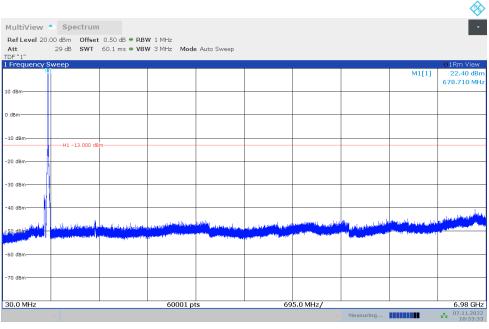


## n66 NOTE: peak above the limit line is the carrier frequency.



11:41:51 07.11.2022

## n71 NOTE: peak above the limit line is the carrier frequency.

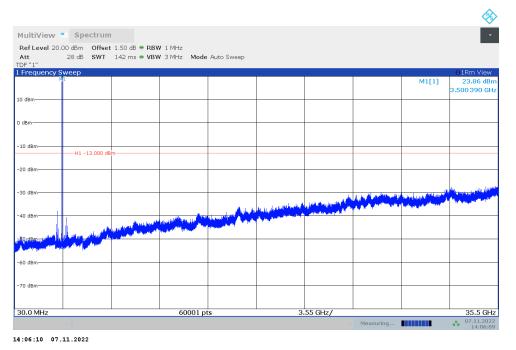


10:53:34 07.11.2022



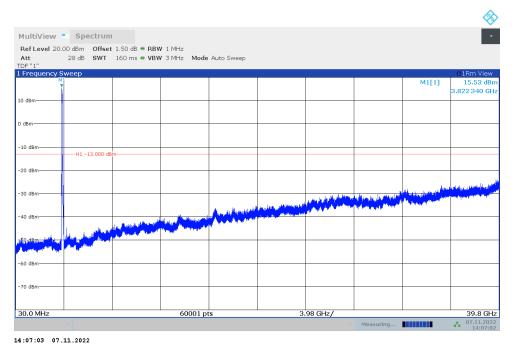


## n77L NOTE: peak above the limit line is the carrier frequency.



#### n77H

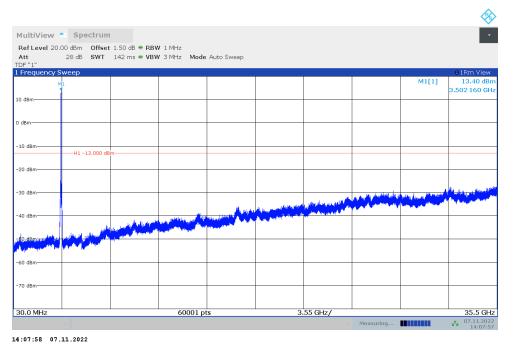
### NOTE: peak above the limit line is the carrier frequency.







## n78L NOTE: peak above the limit line is the carrier frequency.



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

### n2,20MHz

Frequency (MHz)	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	4.28	5.48	6.28	6.32	6.64	8.00	7.78	8.04	8.36	

### n25,20MHz

	PAPR (dB)									
Frequency (MHz)	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	4.38	5.50	6.24	6.38	6.72	7.98	7.74	8.16	8.36	

#### n41,100MHz

	PAPR (dB)									
Frequency (MHz)	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	4.32	5.20	5.94	6.18	6.49	7.48	7.50	7.61	8.27	

#### n48,100MHz

Frequency (MHz)	PAPR (dB)										
Frequency (MHZ)	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		
3624.99	3.77	4.71	6.32	6.58	6.59	8.12	8.13	8.10	8.50		

#### n66,40MHz

	PAPR (dB)									
Frequency (MHz)	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	4.72	4.94	6.04	6.38	6.54	8.32	8.26	8.36	8.42	

### n71,20MHz

	PAPR (dB)									
Frequency (MHz)	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	4.32	5.48	6.28	6.46	6.70	7.98	7.82	8.18	8.38	





### n77L,90MHz

Frequency (MHz)	PAPR (dB)									
Frequency (MHZ)	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	3.56	4.48	5.17	5.42	6.07	6.66	6.64	6.80	7.82	

### n77H,100MHz

Frequency (MHz)	PAPR (dB)										
Frequency (MHZ)	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	3.73	4.67	6.06	6.26	6.45	7.56	7.47	7.61	8.24		

#### n78L,90MHz

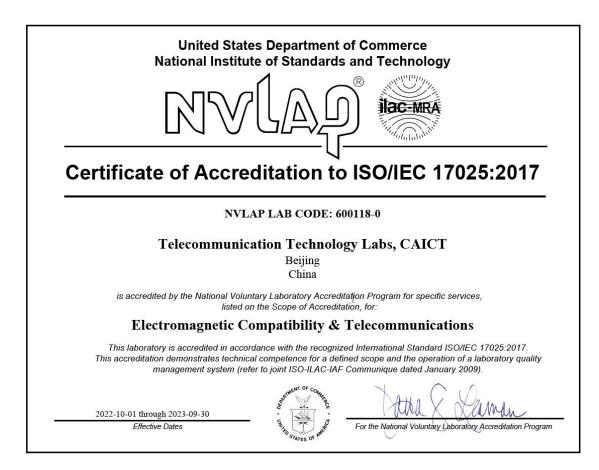
	PAPR (dB)									
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM	
3500.01	4.17	5.28	6.02	6.20	6.59	7.71	7.67	7.78	8.42	

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





# **Annex B: Accreditation Certificate**



\*\*\*END OF REPORT\*\*\*