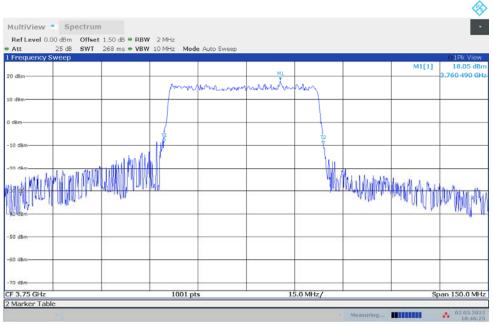




n78H,50MHz(-26dBc)

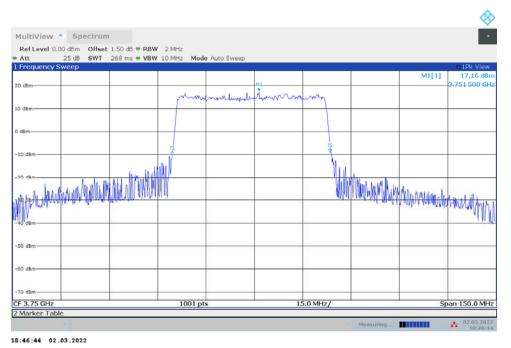
	Emission Bandwidth (-26dBc) (MHz)				
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK			
3750	49.300	49.000			

n78H,50MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



18:46:26 02.03.2022

n78H,50MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



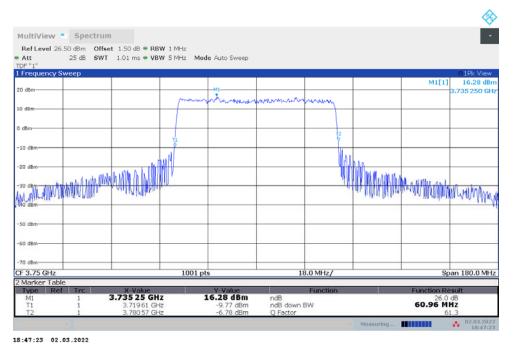




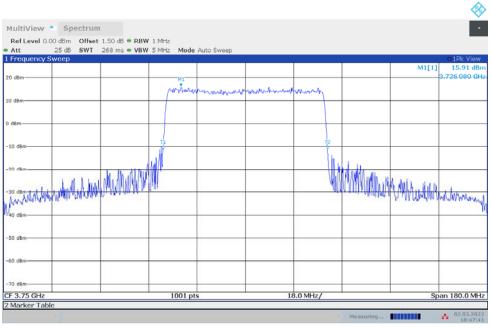
n78H,60MHz(-26dBc)

	Emission Bandwidth (-26dBc) (MHz)				
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK			
3750	60.960	61.140			

n78H,60MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n78H,60MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



18:47:41 02.03.2022

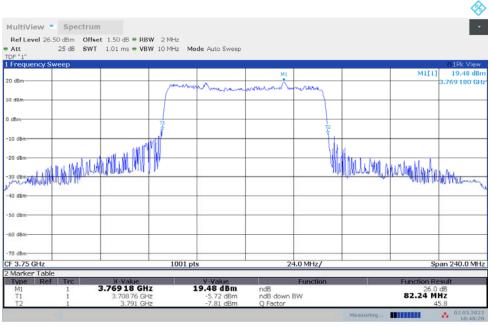




n78H,80MHz(-26dBc)

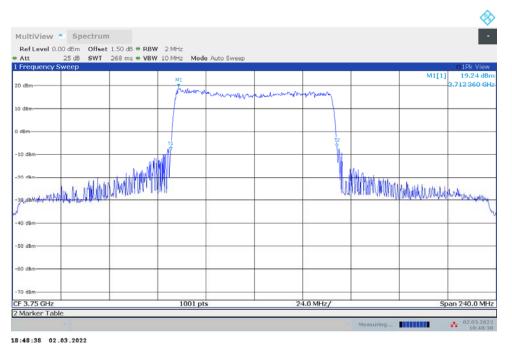
	Emission Bandwidth (-26dBc) (MHz)				
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK			
3750	82.240	82.480			

n78H,80MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



18:48:20 02.03.2022

n78H,80MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



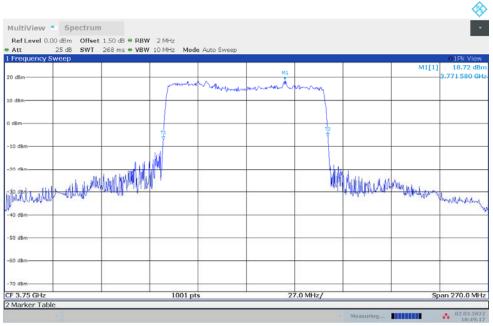




n78H,90MHz(-26dBc)

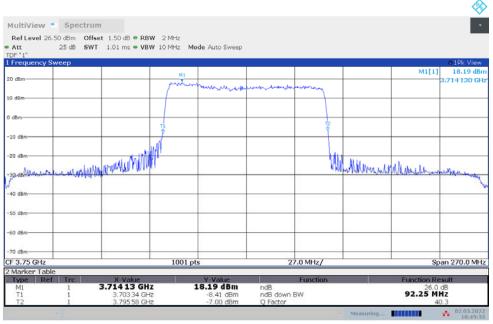
	Emission Bandwidth (-26dBc) (MHz)				
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK			
3750	91.980	92.250			

n78H,90MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



18:49:17 02.03.2022

n78H,90MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



18:49:35 02.03.2022

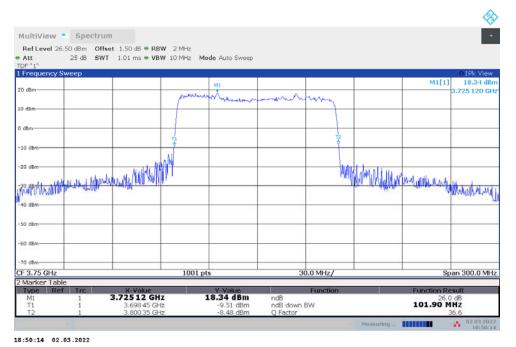




n78H,100MHz(-26dBc)

	Emission Bandwidth (-26dBc) (MHz)				
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK			
3750	101.900	101.900			

n78H,100MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n78H,100MHz Bandwidth,DFT-s-QPSK (-26dBc BW)







A.6 Band Edge Compliance

A.6.1 Measurement limit

Part 22.917, Part 24.238 and Part 27.53(h) specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

Part 27.53(m) specifies for mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Part 27.53(g) states for operations in the 600 MHz band and the 698–746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

Part 27.53(h) for operations in the 1695–1710 MHz, 1710–1755 MHz, 1755–1780 MHz, 1915–1920 MHz, 1995–2000 MHz, 2000–2020 MHz, 2110–2155 MHz, 2155–2180 MHz, and 2180–2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log10 (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.





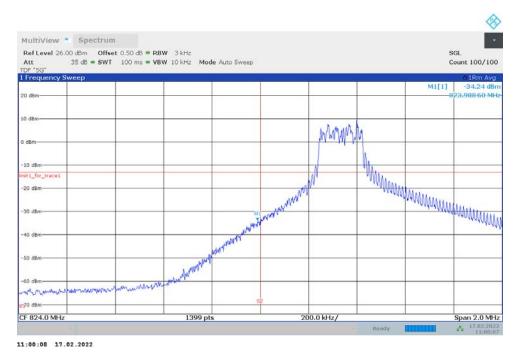
A.6.2 Measurement result NR n5

OBW: 1RB-LOW_offset



10:59:20 17.02.2022

LOW BAND EDGE BLOCK-1RB-LOW_offset





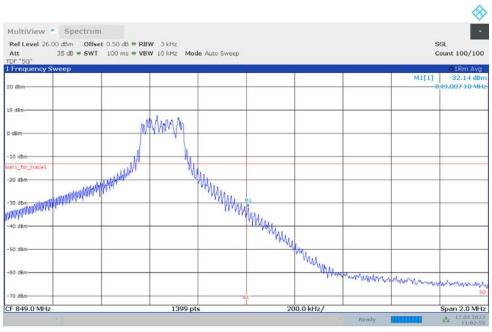


OBW: 1RB-HIGH_offset



11:02:08 17.02.2022

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

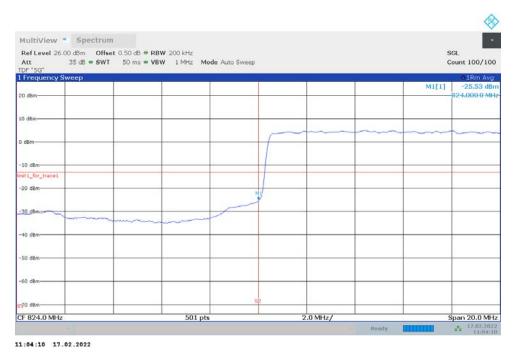


11:02:56 17.02.2022

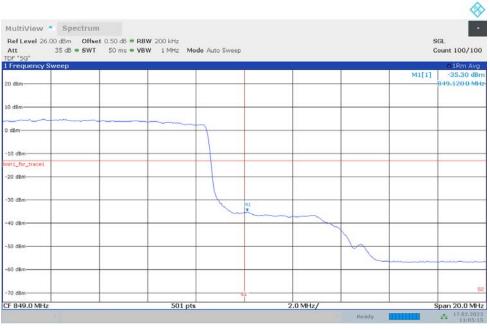




LOW BAND EDGE BLOCK-20M-100%RB



HIGH BAND EDGE BLOCK-20M-100%RB



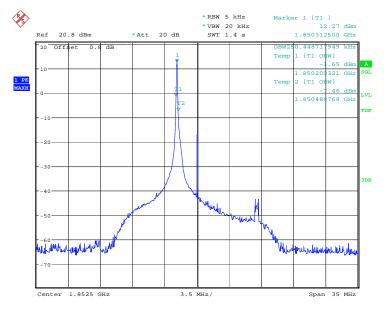
11:05:16 17.02.2022





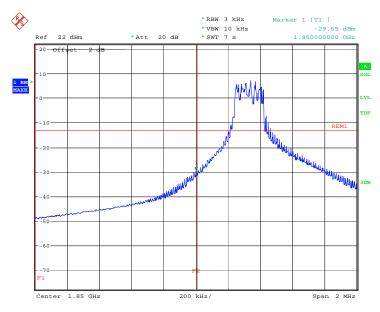
LTE Band 12+NR n25

OBW: 1RB-LOW_offset



Date: 29.0CT.2021 19:53:22

LOW BAND EDGE BLOCK-1RB-LOW_offset

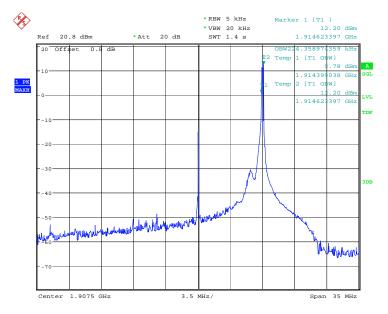


Date: 29.0CT.2021 19:53:41



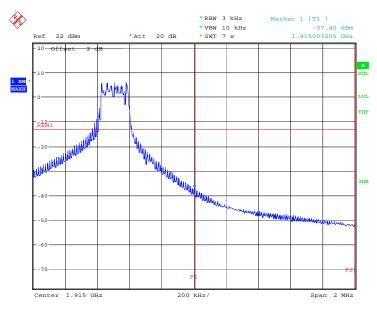


OBW: 1RB-HIGH_offset



Date: 29.0CT.2021 19:55:11

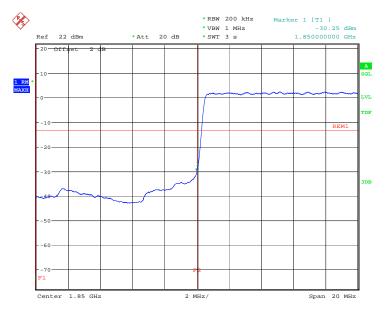
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



Date: 29.0CT.2021 19:55:31



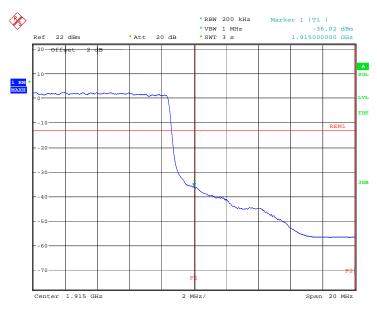




LOW BAND EDGE BLOCK-20M-100%RB

Date: 29.0CT.2021 19:57:12

HIGH BAND EDGE BLOCK-20M-100%RB

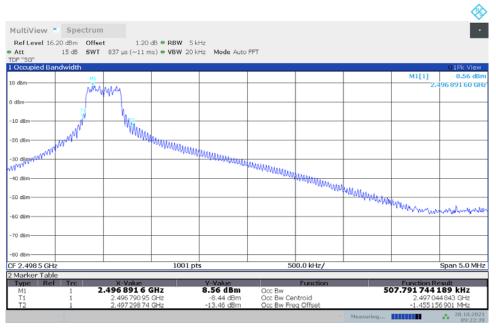


Date: 29.0CT.2021 19:58:46





NR n41 OBW: 1RB-LOW_offset



Date:28.0CT.2021 09:22:39

LOW BAND EDGE BLOCK-1RB-LOW_offset

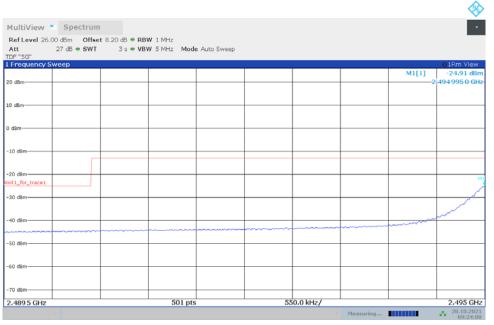
MultiView Spectr								
Ref Level 26.00 dBm O Att 27 dB = S	ffset 8.20 dB ● RBV WT 3 s ● VBV		de Auto Sween					
DF "5G"	0000	1001012 110	au nate enterp					
Frequency Sweep							M1[1]	 1Rm View -33.62 dB
20 dBm								95 999 00 G
0 dBm								
dam								
den .								
10 dām								
nit1_for_trace1								
20 dBm								
30 d8m								
							min	m
40 d8m					m	Cooperation		
			mm					
50 dBm	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~ · · · ·						
60 dBm								
				1	1			1

Date:28.0CT.2021 09:23:20





LOW BAND EDGE BLOCK-1RB-LOW_offset



Date:28.0CT.2021 09:24:00



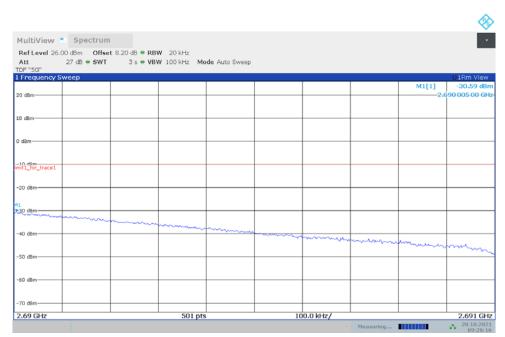


OBW: 1RB-HIGH_offset



Date:28.0CT.2021 09:25:35

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

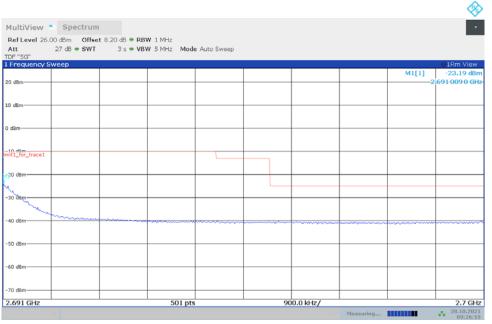


Date:28.0CT.2021 09:26:16





HIGH BAND EDGE BLOCK-1RB-HIGH_offset

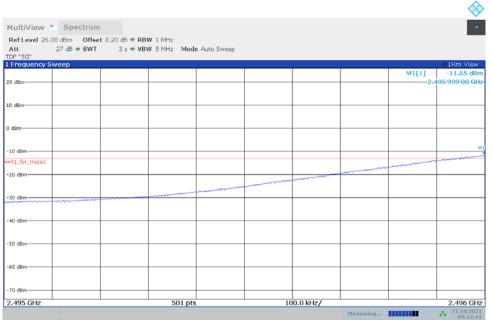


Date:28.0CT.2021 09:26:56



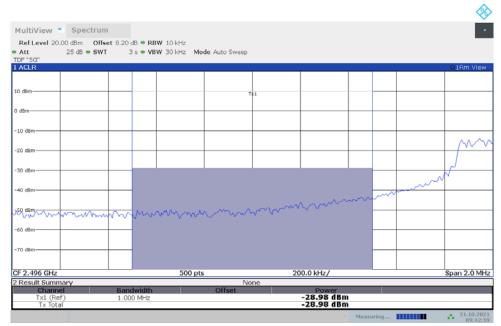


LOW BAND EDGE BLOCK-100M-100%RB



Date:21.0CT.2021 09:42:43

Channal Power

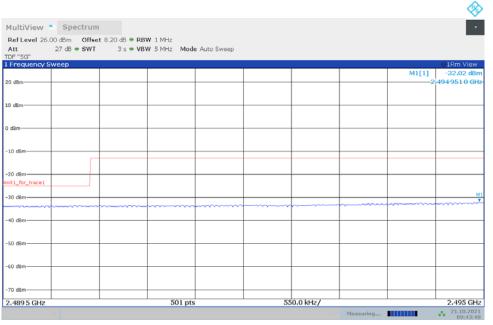


Date:21.0CT.2021 09:43:00





LOW BAND EDGE BLOCK-100M-100%RB



Date:21.0CT.2021 09:43:40





HIGH BAND EDGE BLOCK-100M-100%RB

Ref Level 26.00 dBm Offe	im set 8.20 dB = RBW 1 MF	Ηz				_
Att 27 dB • SW	T 3 s 🗢 VBW 5 MH	Hz Mode Auto Sweep				
Frequency Sweep						01Rm View
) dBm					M1[1]	-30.76 dBr 690 003 00 GH
dBm						
dBm						
1_for_trace1						
0 d8m						
i dBm						
			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
dam						
dBm						
dBm						

Date:21.0CT.2021 09:44:48

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



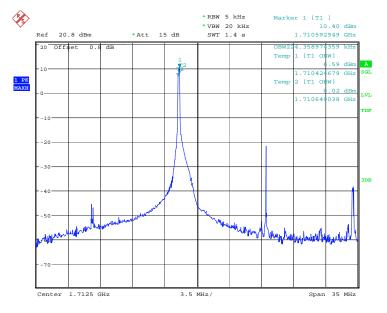
Date:21.0CT.2021 09:45:28





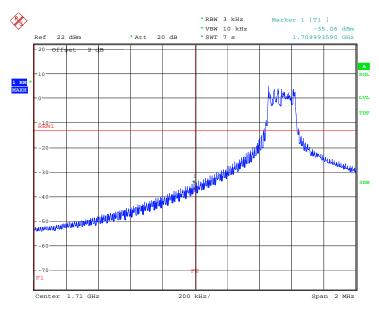
## LTE Band 12+NR n66

## OBW: 1RB-LOW_offset



Date: 30.0CT.2021 08:12:56

## LOW BAND EDGE BLOCK-1RB-LOW_offset

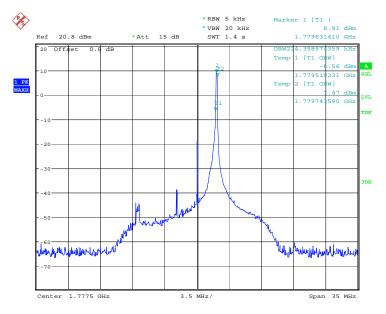


Date: 30.0CT.2021 08:13:16



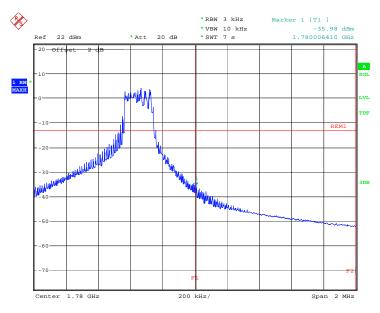


#### OBW: 1RB-HIGH_offset



Date: 30.0CT.2021 08:14:39

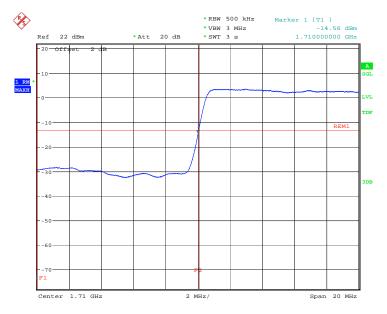
#### HIGH BAND EDGE BLOCK-1RB-HIGH_offset



Date: 30.0CT.2021 08:14:58



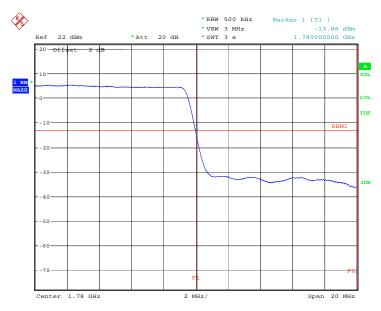




#### LOW BAND EDGE BLOCK-40M-100%RB

Date: 30.0CT.2021 08:16:42

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



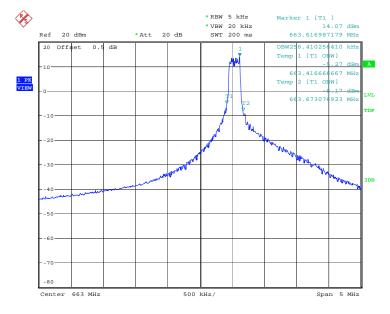
Date: 30.0CT.2021 08:18:21





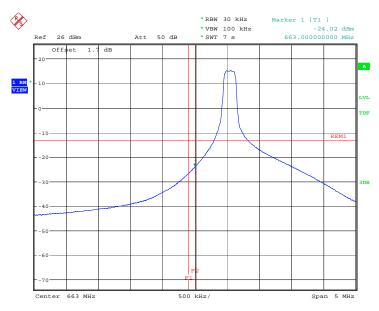
## LTE Band 66+NR n71

## OBW: 1RB-LOW_offset



Date: 30.0CT.2021 08:42:26

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

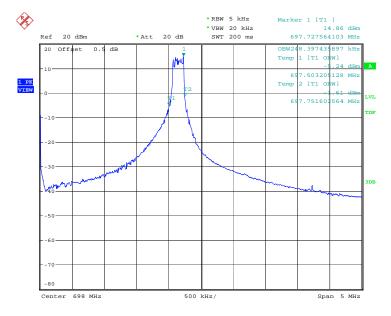


Date: 30.0CT.2021 08:43:06



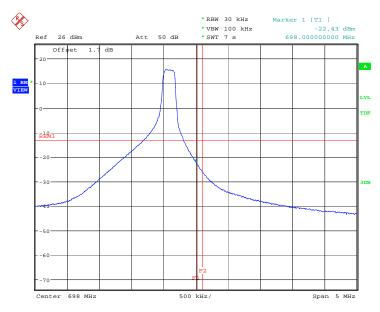


#### OBW: 1RB-HIGH_offset



Date: 30.0CT.2021 08:51:12

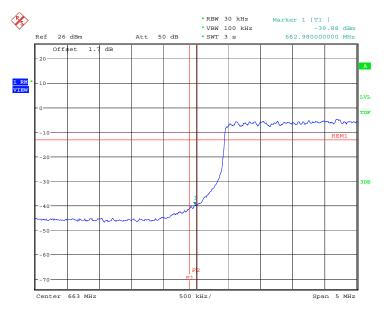
#### HIGH BAND EDGE BLOCK-1RB-HIGH_offset



Date: 30.0CT.2021 08:57:33



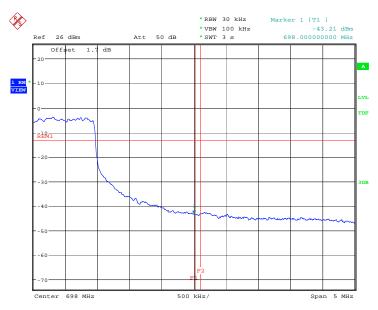




#### LOW BAND EDGE BLOCK-20M-100%RB

Date: 30.0CT.2021 08:38:27

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

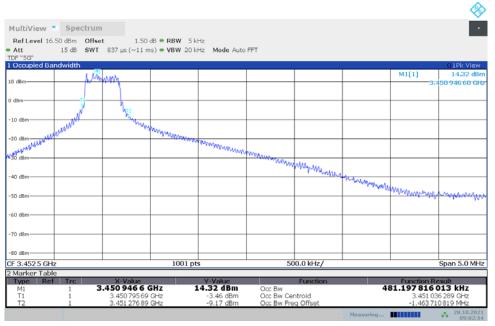


Date: 30.0CT.2021 08:40:25



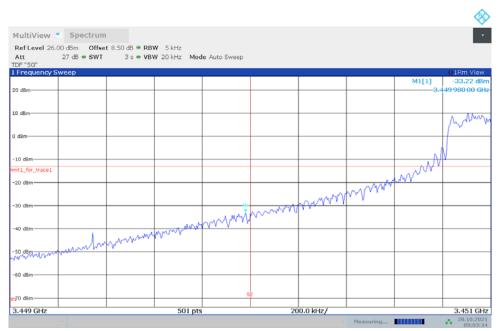


## NR n77L OBW: 1RB-LOW_offset



Date:28.0CT.2021 09:02:55

## LOW BAND EDGE BLOCK-1RB-LOW_offset

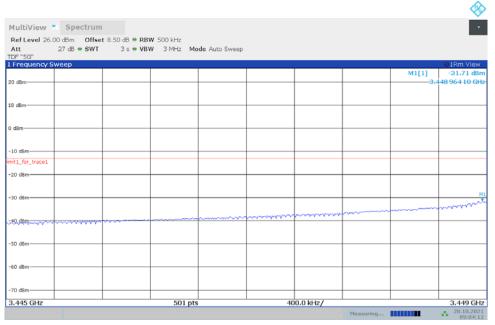


Date:28.0CT.2021 09:03:35





## LOW BAND EDGE BLOCK-1RB-LOW_offset



Date:28.0CT.2021 09:04:13

#### OBW: 1RB-HIGH_offset

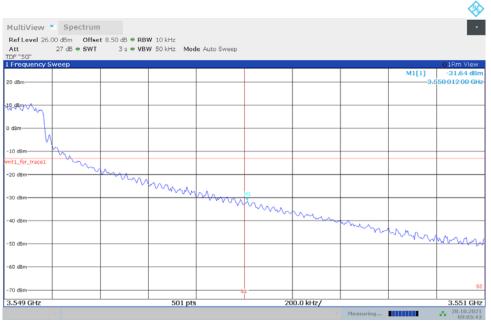
	.50 dBm Offse		dB = RBW 5 ki		657				_
DF "5G" Occupied Ba		o57 µs (~11 m	S) - VOW 20 K	nz Mode Auto					01Pk View
0 d8m							M1	M1[1]	11.65 dB
							(* ~ *	3 1	.340 943 00 Gr
dBm							TIM	72	
						AND	Marrie .	. Mary	
0 dBm					www.www.	WWW WWW			C. C. March and a March and a second
10 d8m				MWWWWWW					
0 dBm		MMMMMM	Manna Mariana						
onderfrond and the	C-2WWIDHAAdanaaa								
0 dBm									
'0 d8m									
10 dBm									
3.547 5 GH	-		1001 pt	S	50	0.0 kHz/			Span 5.0 Mł
Marker Tabl Type Ref M1 T1	Trc	X-Value 3.548 943 6 0 3.548 619 82		Y-Value 11.65 dBm -12.23 dBm	Occ Bw Occ Bw Cer	Function	5	Function F 93.474 143 3.548 9	

Date:28.0CT.2021 09:05:03





#### HIGH BAND EDGE BLOCK-1RB-HIGH_offset



Date:28.0CT.2021 09:05:43

## HIGH BAND EDGE BLOCK-1RB-HIGH_offset

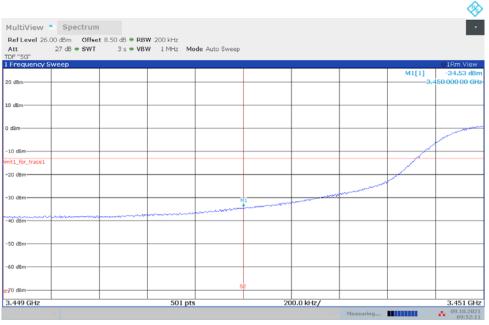
MultiView 🔹 Sp	ectrum						•
Ref Level 26.00 dBm           Att         27 dB		18W 500 kHz 18W 3 MHz Mo	1. A.H. C				
DF "5G"	● 5W1 38 ● V	BW 3 MHZ MG	de Auto Sweep				
Frequency Sweep				1			<ul> <li>1Rm View</li> <li>-30.91 dB</li> </ul>
0 d8m						M1[1]	-30.91 dB 551 059 90 GF
o ubiii							001005500
D dBm							
o den							
dBm							
GBM							
10 d8m							
hit1_for_trace1							
20 d8m							
20 08m							
M1							
and dam							
40 dBm	mann	man	mm	mm	mm	 0.0.0	
40 dbm						 	how we will
50 dBm							
(a. da.)							
60 dBm							
70 d8m							

Date:28.0CT.2021 09:06:21





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



Date:9.0CT.2021 09:52:11

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

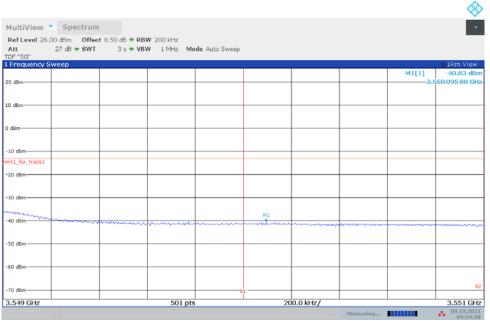
MultiView 🝨 Spect	trum						
Ref Level 26.00 dBm							
Att 27 dB ● 1 DF "5G"	SWT 3 s 🗢 VB	W 3 MHz Mo	de Auto Sweep				
Frequency Sweep	Ţ						01Rm Viev
D dBm						M1[1]	-34.18 dB
dom							40070200
) dBm							
dem							
dBm							
Gom							
10 dBm							
it1_for_trace1							
20 dBm							
30 dBm							
			······			 	
40 dBm							
50 dBm							
i0 dBm							
70 d8m							
3.445 GHz		501 pts		40	0.0 kHz/		3.449 Gł

Date:9.0CT.2021 09:52:56





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



Date:9.0CT.2021 09:54:08

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

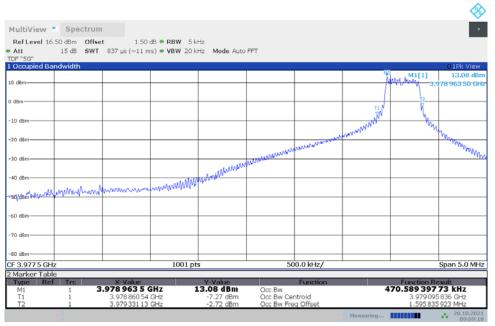
Ref Level 26.00 dBm (	Offset 8.50 dB = RBW	500 kHz				_
Att 27 dB = 5	SWT 3 s 🗢 VBW	3 MHz Mod	e Auto Sweep			
Frequency Sweep						01Rm View
0 dBm					M1[1] 3.8	-37.18 dB 53 574 90 GF
0 dBm						
dBm						
10 d8m						
nit1_for_trace1 20 dBm						
30 dBm-				Mi		
40 dBm			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		 	
50 dBm						
50 dBm						
	1					1

Date:9.0CT.2021 09:54:53



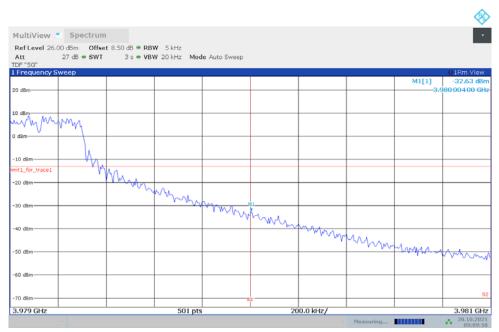


## NR n77H OBW: 1RB-HIGH_offset



Date:28.0CT.2021 09:09:18

## HIGH BAND EDGE BLOCK-1RB-HIGH_offset

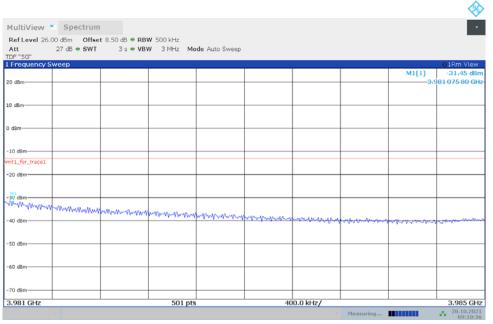


Date:28.0CT.2021 09:09:58





#### HIGH BAND EDGE BLOCK-1RB-HIGH_offset

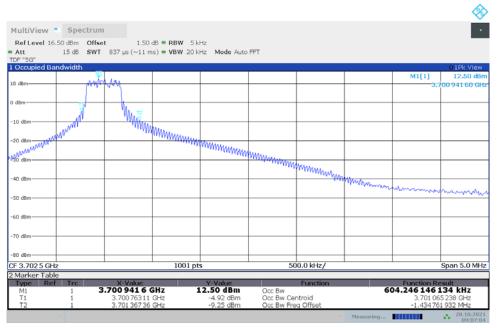


Date:28.0CT.2021 09:10:36



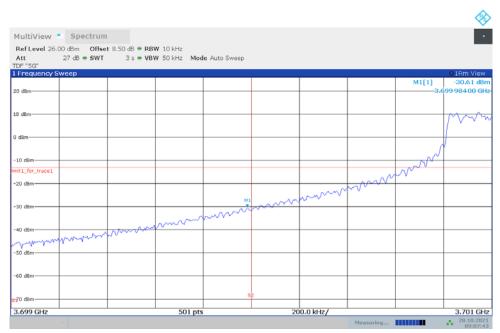


#### OBW: 1RB-LOW_offset



Date:28.0CT.2021 09:07:04

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



Date:28.0CT.2021 09:07:44





## LOW BAND EDGE BLOCK-1RB-LOW_offset

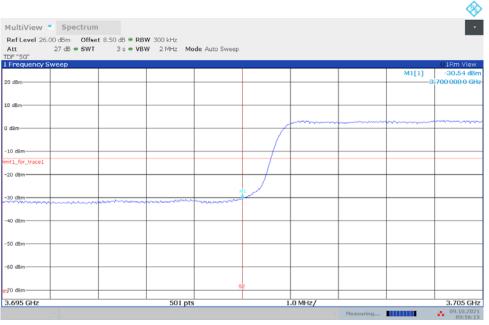
									<u> </u>
ultiView	Spectrum								•
ef Level 26.0 Itt F "56"	00 dBm Offse 27 dB • SWT		W 500 kHz W 3 MHz Ma	de Auto Sweep					
requency S	Sweep								01Rm View
								M1[1]	-28.28 dBr
d8m								3.	698 988 00 GH
dBm									
Bm									
d8m									
1_for_trace1									
d8m									
									1
d8m								Momon Mom	www.www
	~~~~~	ADAMAM MANAN	mmmmm	mmmm	www.www.ww	wwwwwww	And And And And And		
d8m									
d8m									
dBm									
I d8m									
695 GHz	1	1	501 pts		40	0.0 kHz/	1	1	3.699 GH
							Measuring		28.10.202

Date:28.0CT.2021 09:08:22



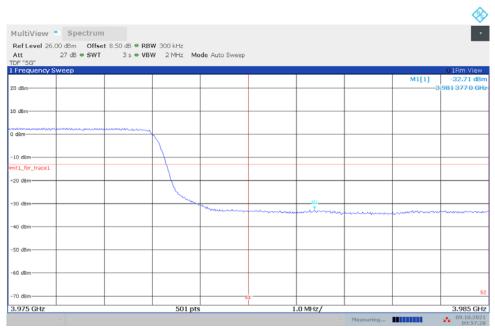


LOW BAND EDGE BLOCK-100M-100%RB



Date:9.0CT.2021 09:56:15

HIGH BAND EDGE BLOCK-100M-100%RB



Date:9.0CT.2021 09:57:28

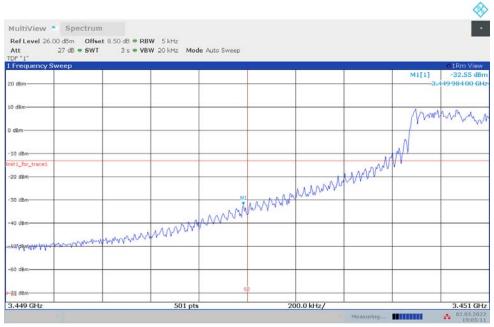




NR n78L



LOW BAND EDGE BLOCK-1RB-LOW_offset

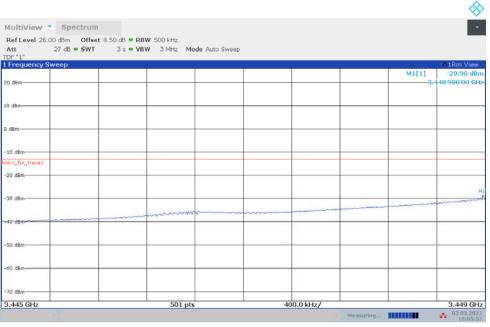


19:05:12 02.03.2022





LOW BAND EDGE BLOCK-1RB-LOW_offset



19:05:52 02.03.2022

OBW: 1RB-HIGH_offset

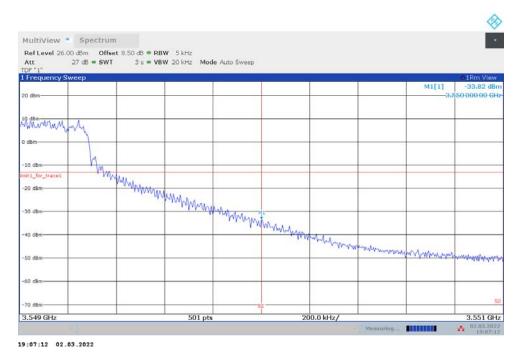


19:06:30 02.03.2022





HIGH BAND EDGE BLOCK-1RB-HIGH_offset



HIGH BAND EDGE BLOCK-1RB-HIGH_offset

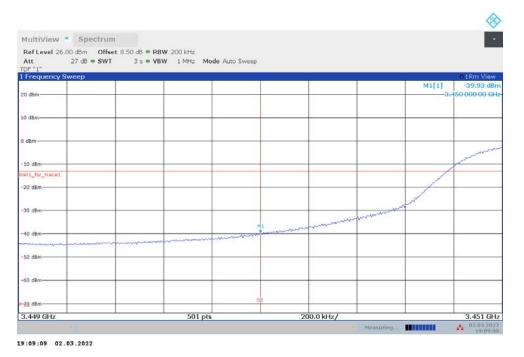
MultiView Spectrum						-
	.50 dB • RBW 500 kHz 3 s • VBW 3 MHz Mo	de Auto Sweep				
DF "1" Frequency Sweep						01Rm View
0 d8m					M1[1] 3.	-29.85 dBr 551 004 00 GH
0 dBm						
dBm						
10 dBm						
20 dBm		-				
30-dţm						
10 dBm				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	 	· · · · · · · · · · · · · · · · · · ·
0 d8m						
i0 dBm						
70 d8m						
3.551 GHz	501 pts		40	0.0 kHz/		3.555 GH

19:07:53 02.03.2022





LOW BAND EDGE BLOCK-90M-100%RB



LOW BAND EDGE BLOCK-90M-100%RB

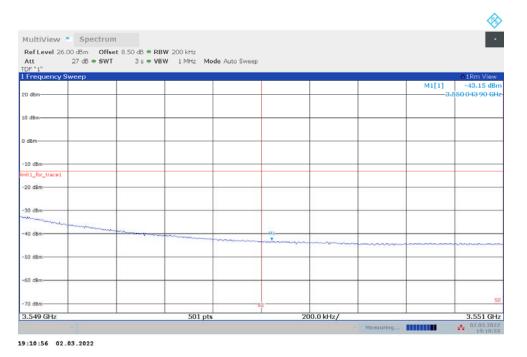
MultiView Spect		BW EOO LU-						
Att 27 dB 🖷 5	SWT 3s = VI		de Auto Sweep					
DF "1" Frequency Sweep								01Rm View
0 dBm							M1[1]	-40.13 dBr 448 772 50 GH
0 dBm								
dBm								
10 dBm								
it1_for_trace1								
20 dBm								
30 dBm								
10. dBm								M1
0 dBm								
i0 dBm						-		-
70 dBm								
.445 GHz		501 pts		40	0.0 kHz/		1	3.449 GH

19:09:49 02.03.2022





HIGH BAND EDGE BLOCK-90M-100%RB



HIGH BAND EDGE BLOCK-90M-100%RB

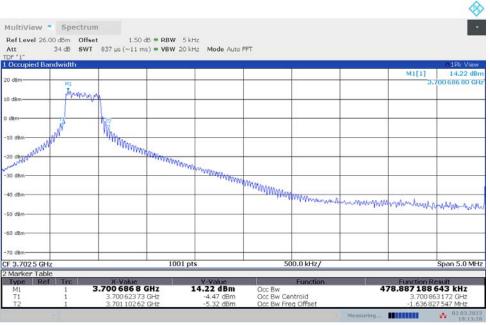
Att 27 dB • SWT		And a strength of the strength			
DF "1"	3s ⇔VBW 3MHz N	Node Auto Sweep			
Frequency Sweep					 1Rm View -40.18 dBr
0 dBm				M1[1]	-40.18 dB
, down				010	01091000
) dBm					
) dsm					
dBm					
10 dBm					
it1_for_trace1					
20 dBm		-	 -		
10 dBm		-	 		
M1					
107.dBm			 		
50 dBm		-	 		-
i0 dBm			 _		

19:11:36 02.03.2022



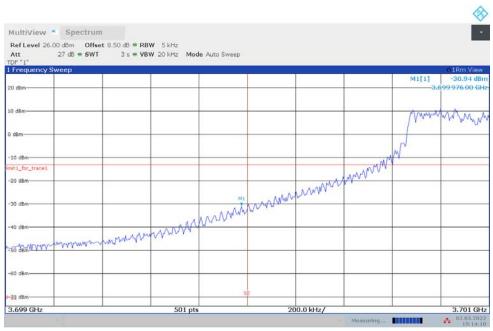


NR n78H OBW: 1RB-LOW_offset



19:13:28 02.03.2022

LOW BAND EDGE BLOCK-1RB-LOW_offset

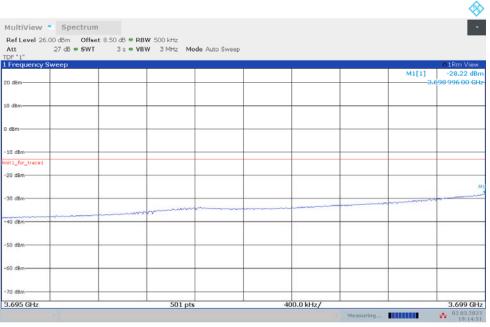


19:14:10 02.03.2022





LOW BAND EDGE BLOCK-1RB-LOW_offset



19:14:51 02.03.2022

OBW: 1RB-HIGH_offset

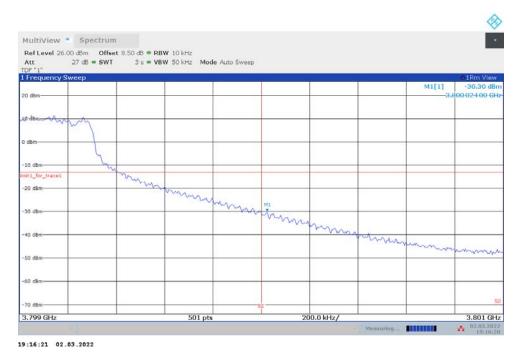


19:15:39 02.03.2022





HIGH BAND EDGE BLOCK-1RB-HIGH_offset



HIGH BAND EDGE BLOCK-1RB-HIGH_offset

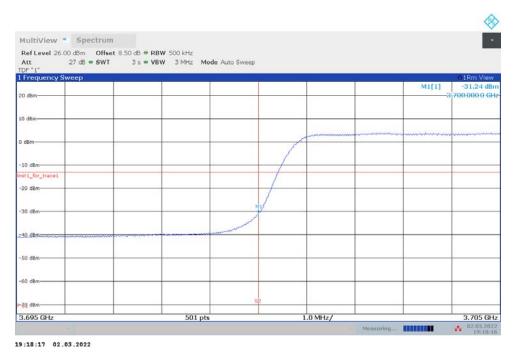
MultiView Spectrum Ref Level 26.00 dBm Offse				
Att 27 dB • SWT	3 s = VBW 3 MHz Mode Auto Sw	eep		
DF "1" Frequency Sweep				•1Rm View
0 d8m			M1	[1] -30.50 dBr
0 dBm				
dBm				
10 dBm				
it1_for_trace1				
20 dBm				
30 dBm				
40 dBm				
50 dBm				
50 dBm				
70 dBm				
3.801 GHz	501 pts	400.0 kHz/		3.805 GH

19:17:01 02.03.2022

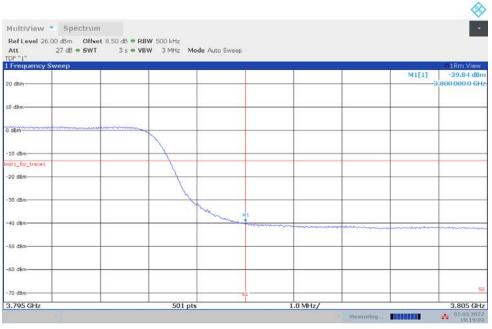




LOW BAND EDGE BLOCK-100M-100%RB



HIGH BAND EDGE BLOCK-100M-100%RB



19:19:03 02.03.2022





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 27.53(h) for operations in the 1695–1710 MHz, 1710–1755 MHz, 1755–1780 MHz, 1915–1920 MHz, 1995–2000 MHz, 2000–2020 MHz, 2110–2155 MHz, 2155–2180 MHz, and 2180–2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log10 (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution





bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

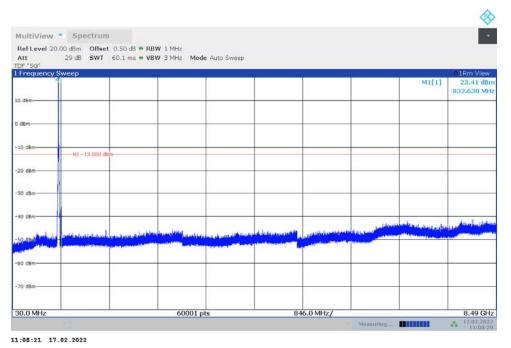




A. 7.3 Measurement result

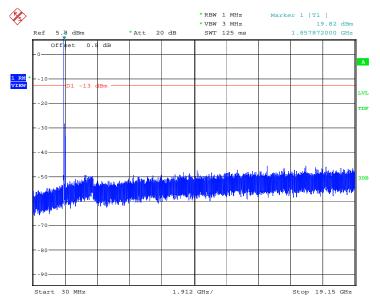
n5

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



LTE Band 12+NR n25

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

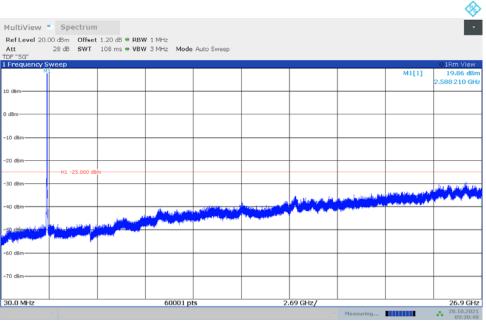


Date: 29.0CT.2021 19:18:50



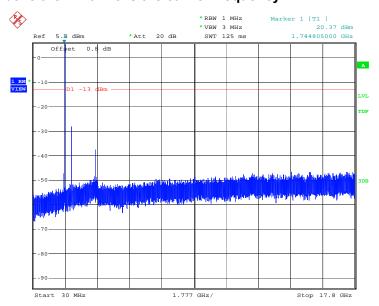


n41 NOTE: peak above the limit line is the carrier frequency.



Date:28.0CT.2021 09:30:41

LTE Band 12+NR n66 NOTE: peak above the limit line is the carrier frequency.

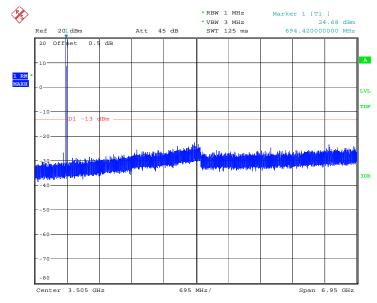


Date: 29.0CT.2021 19:20:34



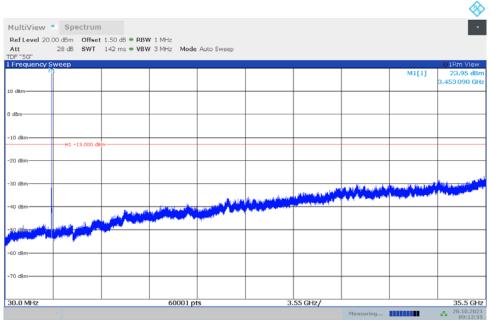


LTE Band 66+NR n71 NOTE: peak above the limit line is the carrier frequency.



Date: 30.0CT.2021 09:00:51

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

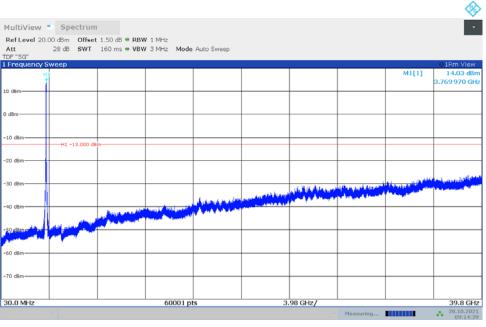


Date:28.0CT.2021 09:12:36



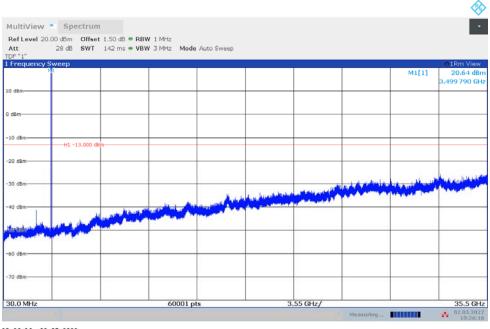


n77H NOTE: peak above the limit line is the carrier frequency.



Date:28.0CT.2021 09:14:40

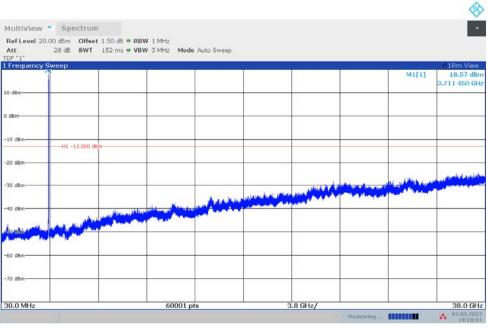
n78L NOTE: peak above the limit line is the carrier frequency.







n78H NOTE: peak above the limit line is the carrier frequency.



19:28:02 02.03.2022





A.8 Peak-to-Average Power Ratio

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

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

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

- c) Set the number of counts to a value that stabilizes the measured CCDF curve;
- d) Record the maximum PAPR level associated with a probability of 0.1%.

Measurement results LTE Band 12+NR 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	5.60	6.28	7.26	7.14	7.40	8.88	9.26	9.02	8.72		

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	4.86	5.63	6.43	6.63	6.79	8.11	8.19	8.24	8.63			

LTE Band 12+NR 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	5.70	6.15	6.80	6.97	7.00	8.66	8.67	8.85	8.73			

LTE Band 66+NR n71,20MHz

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		
680.5	5.60	6.90	7.56	7.39	7.62	9.37	9.36	9.44	9.33		

n77L,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	4.85	5.77	6.44	6.66	6.79	8.27	8.25	8.27	8.41			

n77H,100MHz

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





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	4.39	5.65	6.36	6.50	6.51	8.36	8.37	8.40	8.33		

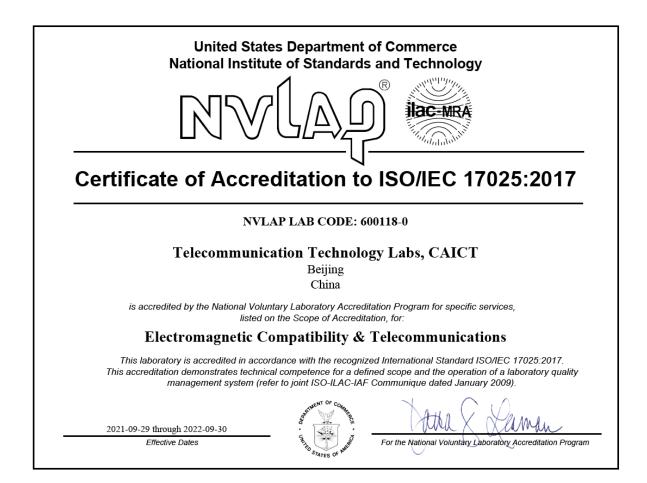
n78H,100MHz

		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		
3750	3.99	4.63	6.13	6.40	6.48	8.34	8.33	8.42	8.23		





Annex B: Accreditation Certificate



END OF REPORT