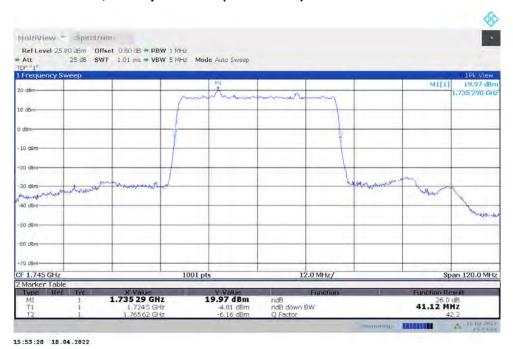




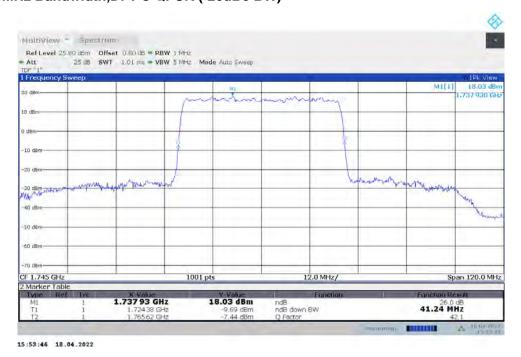
# n66,40MHz(-26dBc)

Fraguency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
1745	41.120	41.240

# n66,40MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



# n66,40MHz Bandwidth,DFT-s-QPSK (-26dBc BW)







n71 n71,5MHz(-26dBc)

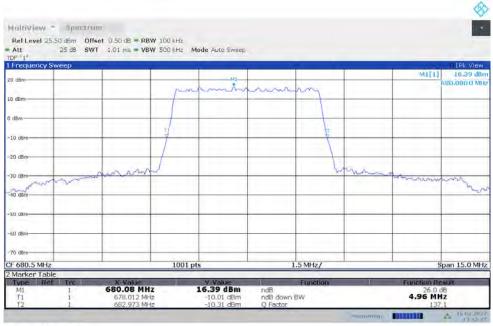
Eroguanay (MHz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
680.5	4.975	4.960

# n71,5MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



15:32:30 18.04.2022

# n71,5MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



15:32:48 18.04.2022





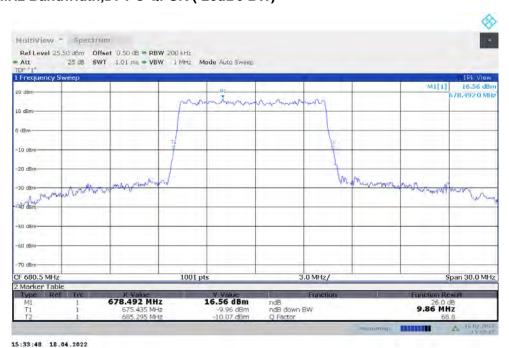
#### n71,10MHz(-26dBc)

Fraguency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
680.5	9.770	9.860

# n71,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



# n71,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)







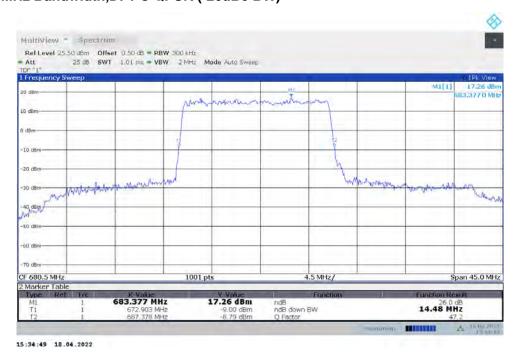
#### n71,15MHz(-26dBc)

Eroguepov (MHz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
680.5	14.431	14.476

# n71,15MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



# n71,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)







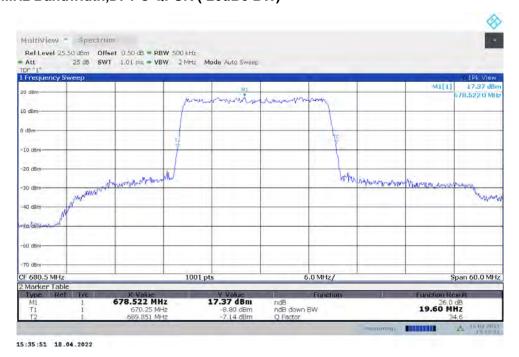
# n71,20MHz(-26dBc)

Fraguency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
680.5	19.421	19.600

# n71,20MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



# n71,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



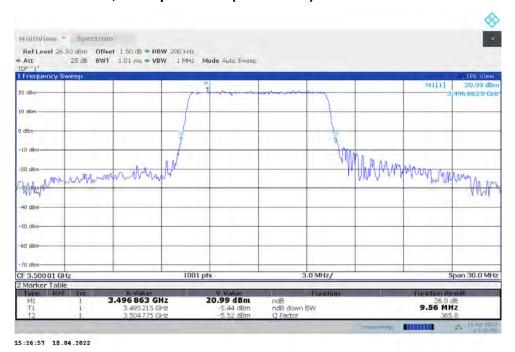




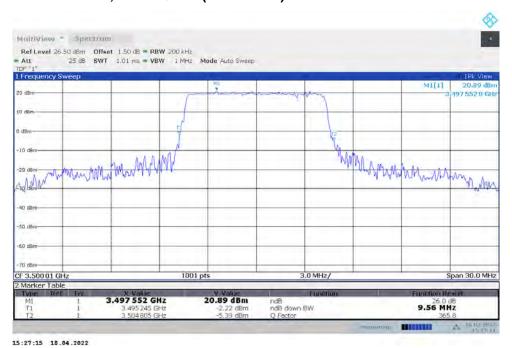
n77L n77L,10MHz(-26dBc)

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

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



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



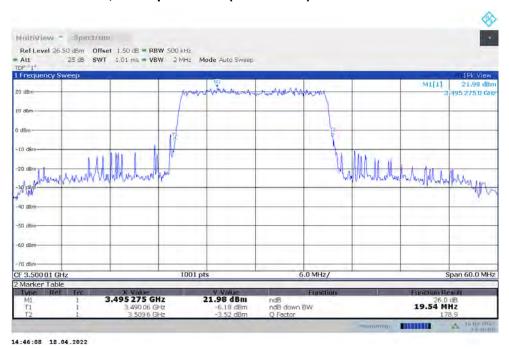




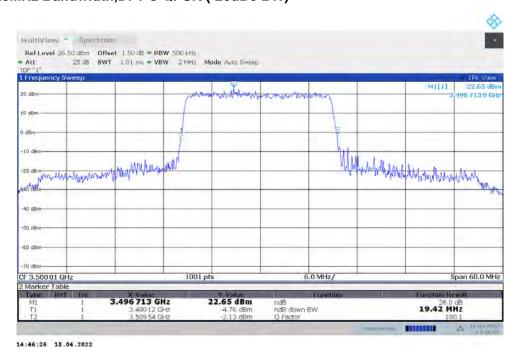
#### n77L,20MHz(-26dBc)

Fraguerov (MHz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	19.540	19.421

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



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



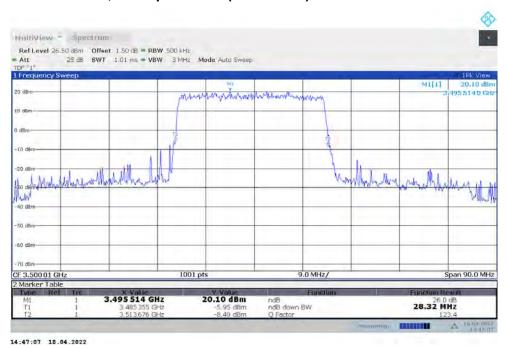




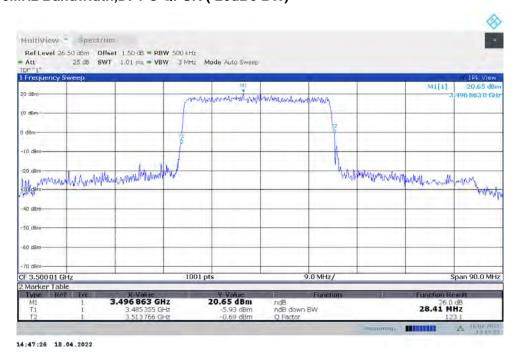
#### n77L,30MHz(-26dBc)

Eroguanay (MHz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	28.322	28.412

# n77L,30MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



# n77L,30MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



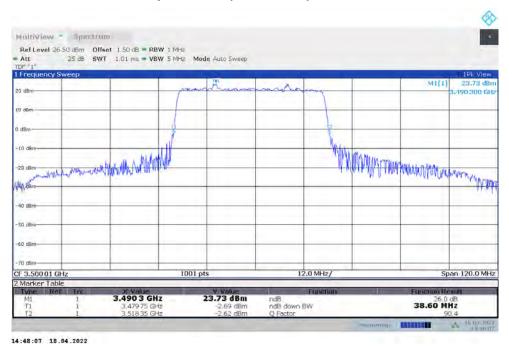




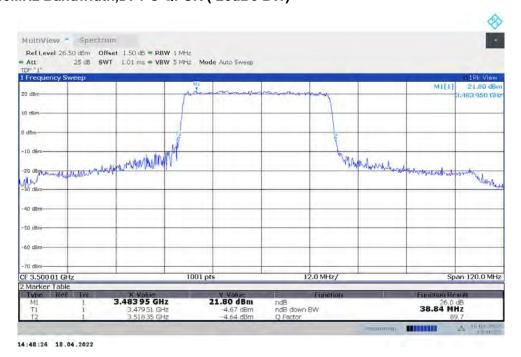
#### n77L,40MHz(-26dBc)

Fraguency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	38.600	38.840

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



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



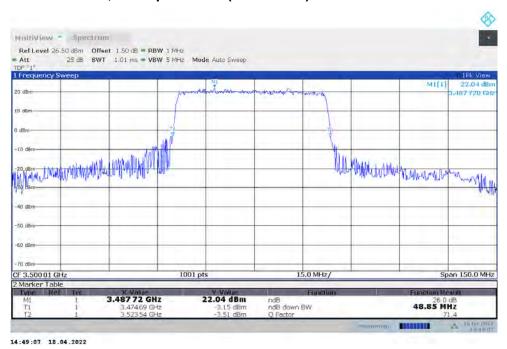




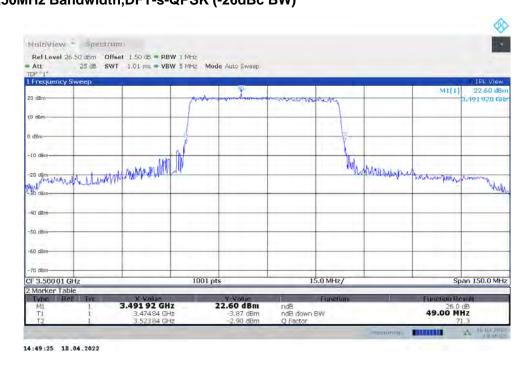
#### n77L,50MHz(-26dBc)

Eroguanay (MHz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	48.850	49.000

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



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



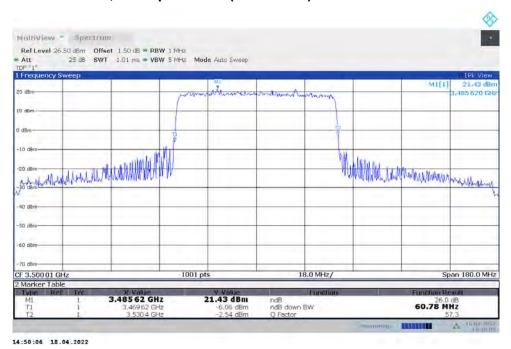




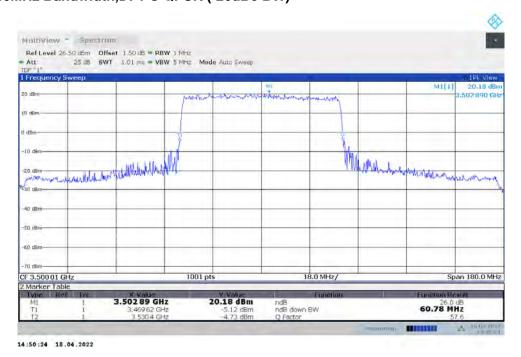
#### n77L,60MHz(-26dBc)

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

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



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



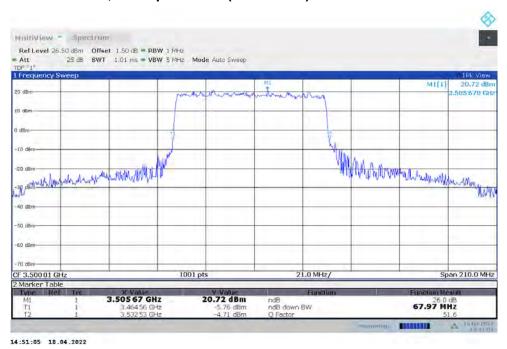




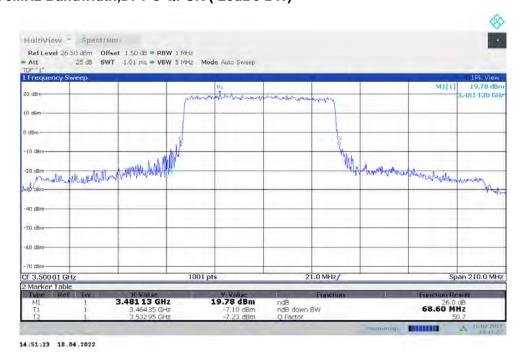
#### n77L,70MHz(-26dBc)

Fragues av (MIII-)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	67.970	68.600

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



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



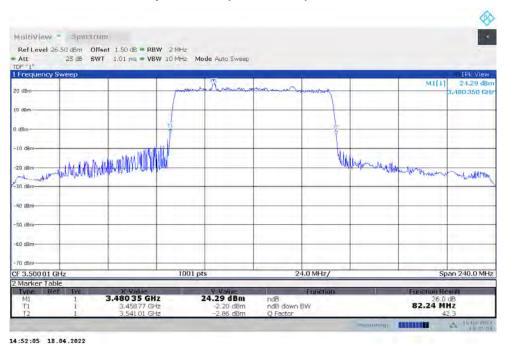




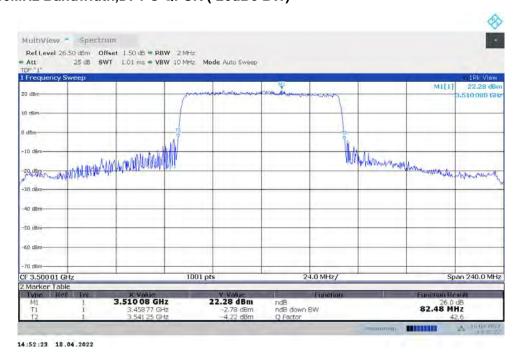
#### n77L,80MHz(-26dBc)

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

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



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



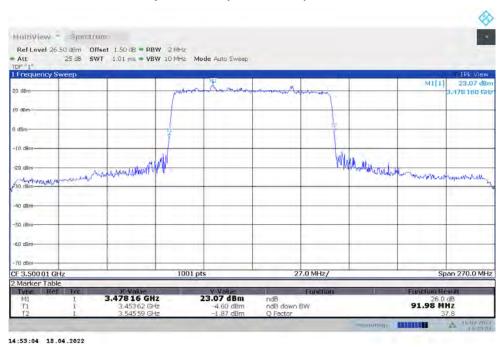




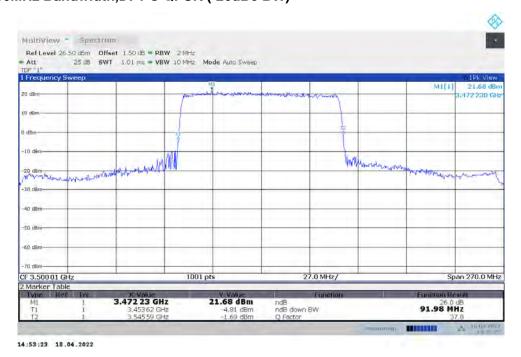
#### n77L,90MHz(-26dBc)

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

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



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



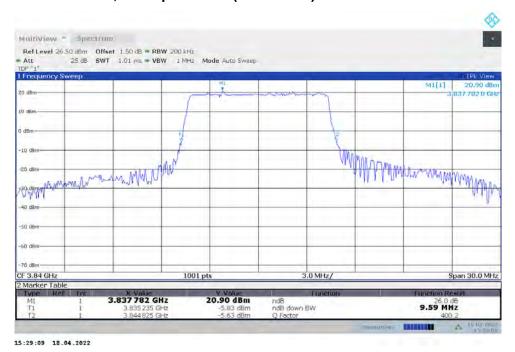




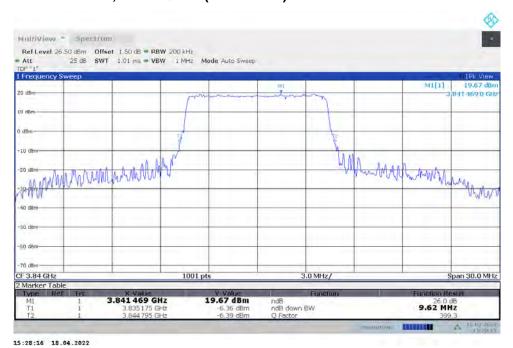
n77H n77H,10MHz(-26dBc)

Fragues av (MIII-)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	9.590	9.620

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



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



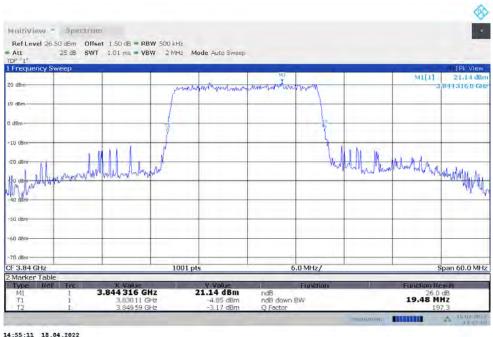




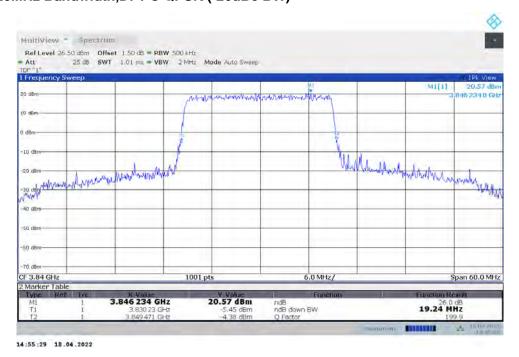
#### n77H,20MHz(-26dBc)

Fraguency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	19.481	19.241

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



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



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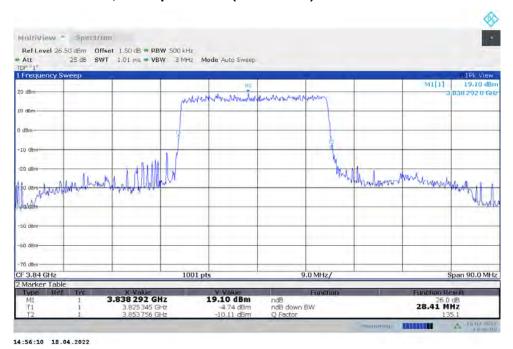




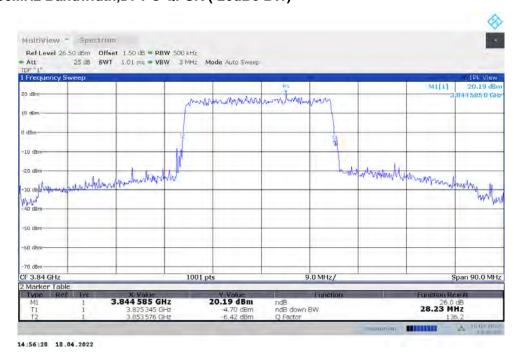
#### n77H,30MHz(-26dBc)

Fraguanay (MHz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	28.412	28.232

# n77H,30MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



# n77H,30MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



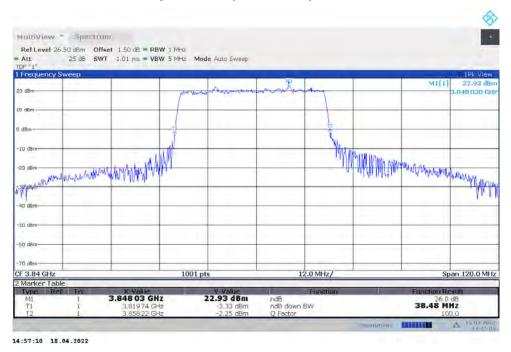




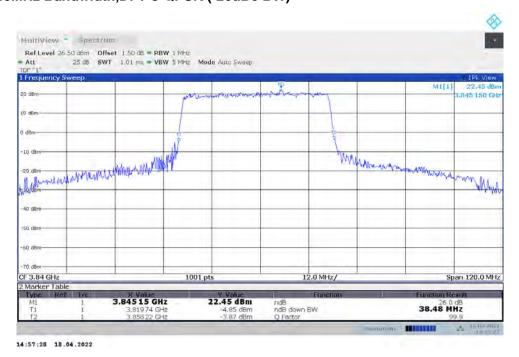
#### n77H,40MHz(-26dBc)

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

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



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



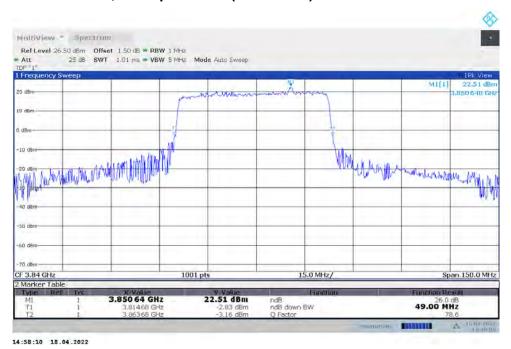




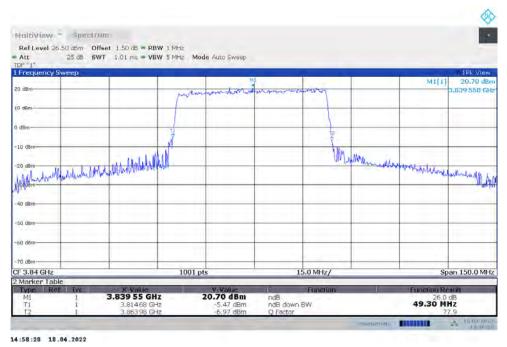
#### n77H,50MHz(-26dBc)

Fraguanay (MHz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	49.000	49.300

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



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



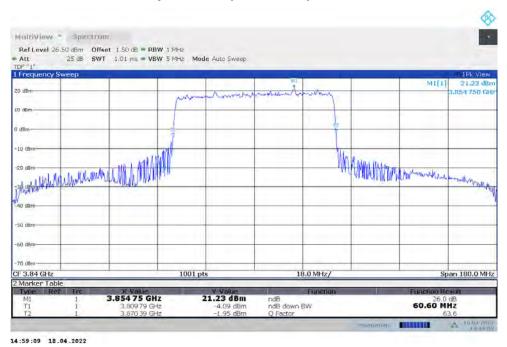




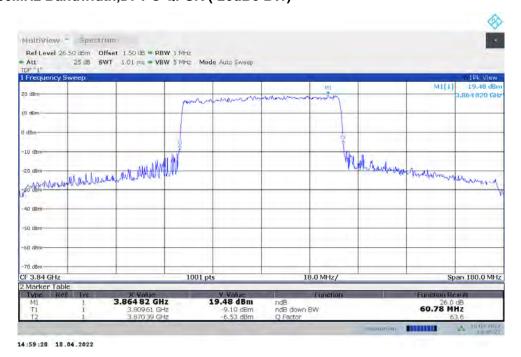
#### n77H,60MHz(-26dBc)

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

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



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



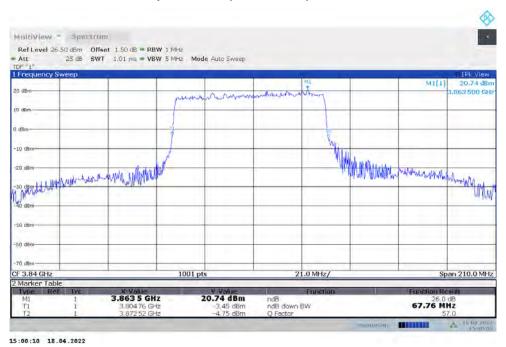




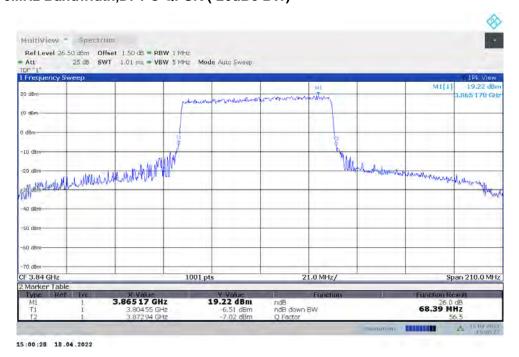
#### n77H,70MHz(-26dBc)

Fraguency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	67.760	68.390

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



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



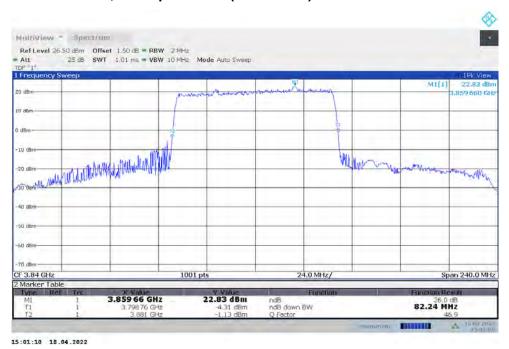




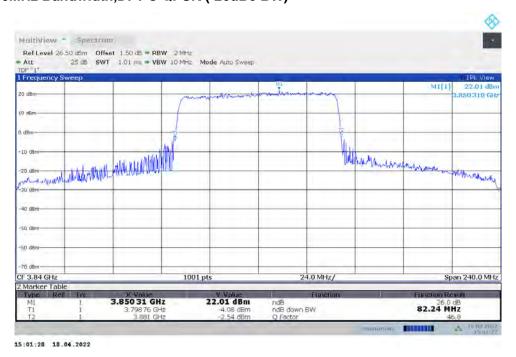
#### n77H,80MHz(-26dBc)

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

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



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



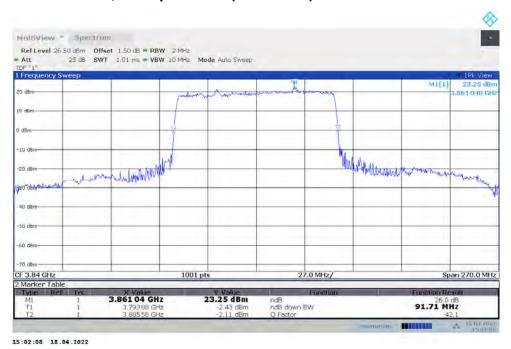




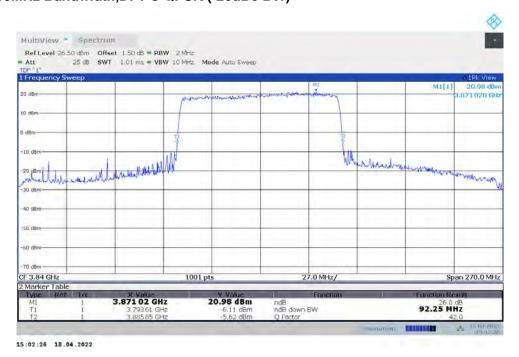
#### n77H,90MHz(-26dBc)

Fraguanay (MHz)	Emission Bandwidth (-26dBc) (MHz)	
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	91.710	92.250

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



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



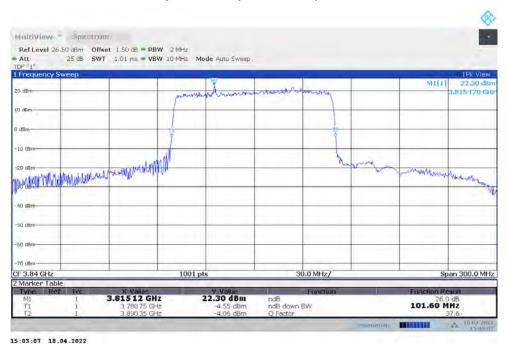




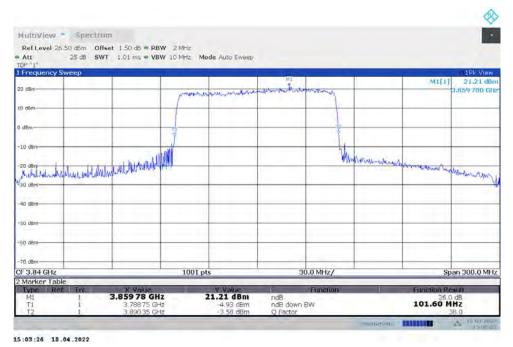
#### n77H,100MHz(-26dBc)

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

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



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







# A.6 Band Edge Compliance

#### A.6.1 Measurement limit

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(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 ©Copyright. All rights reserved by CTTL.

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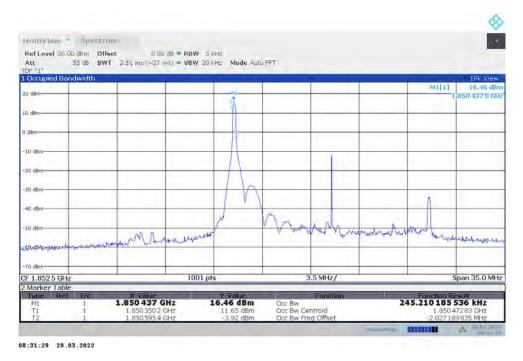
emissions are attenuated at least 26 dB below the transmitter power.



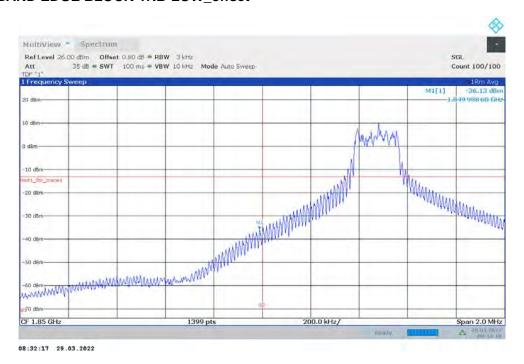


# A.6.2 Measurement result NR n25

OBW: 1RB-LOW\_offset



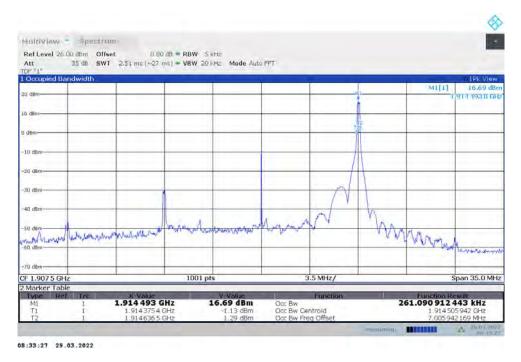
#### LOW BAND EDGE BLOCK-1RB-LOW offset



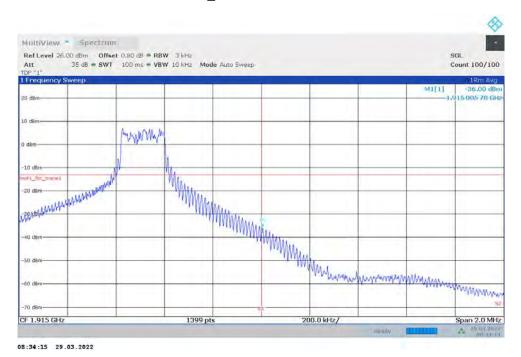




#### **OBW: 1RB-HIGH\_offset**



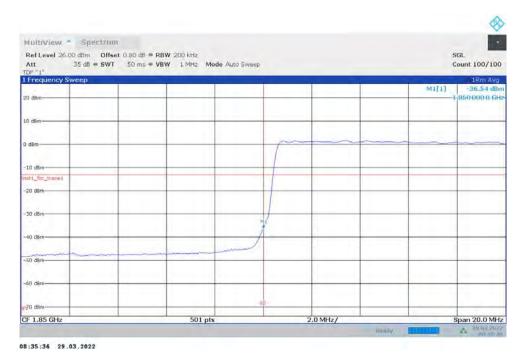
#### HIGH BAND EDGE BLOCK-1RB-HIGH offset







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



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





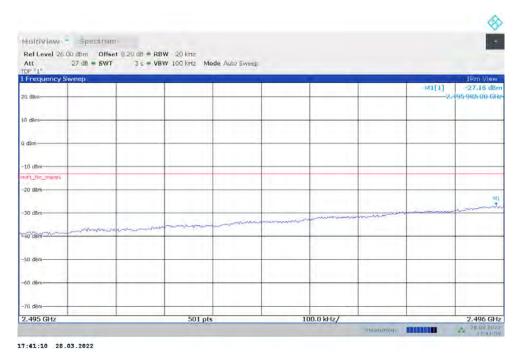


#### NR n41

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



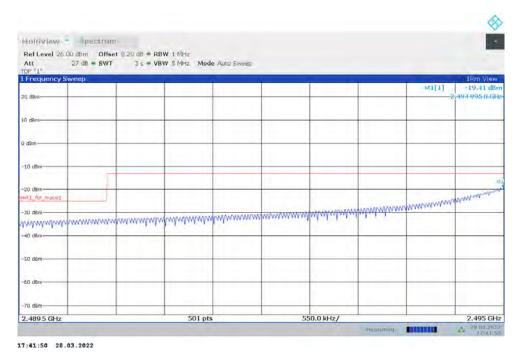
# LOW BAND EDGE BLOCK-1RB-LOW\_offset







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



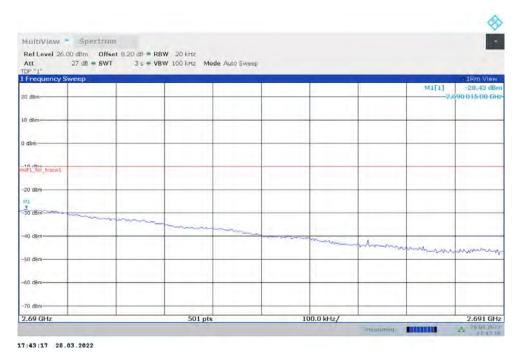
#### **OBW: 1RB-HIGH offset**



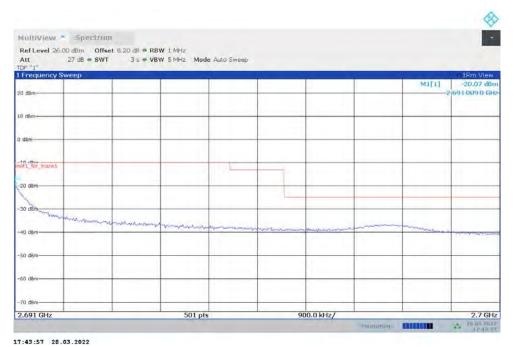




# HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



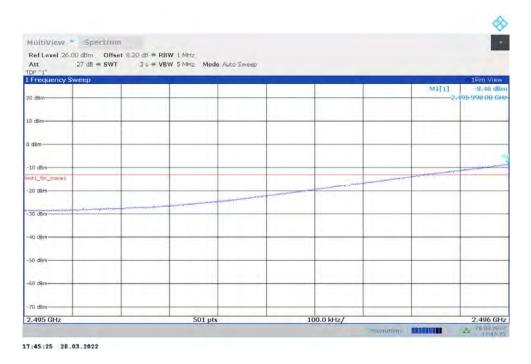
#### HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



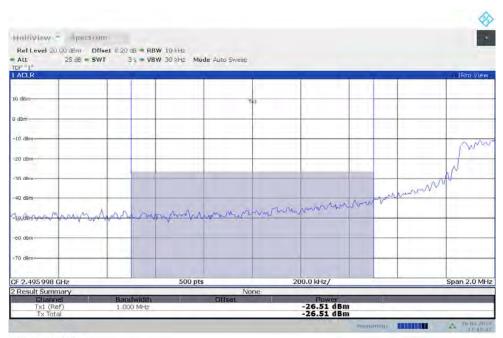




#### LOW BAND EDGE BLOCK-100M-100%RB



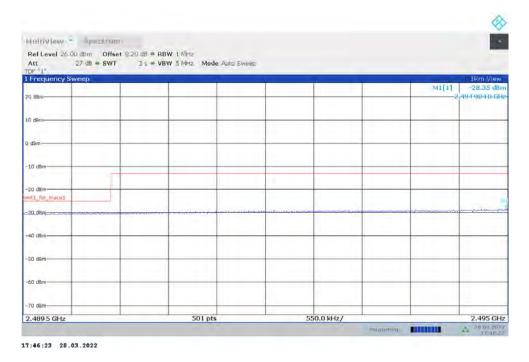
#### **Channal Power**



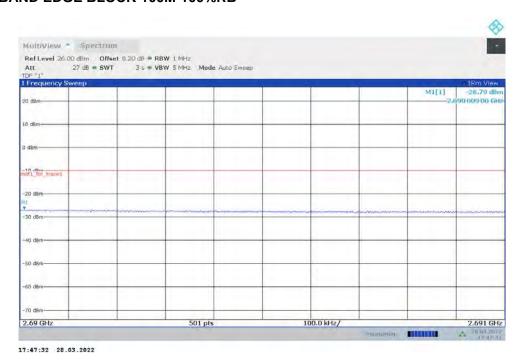




#### LOW BAND EDGE BLOCK-100M-100%RB



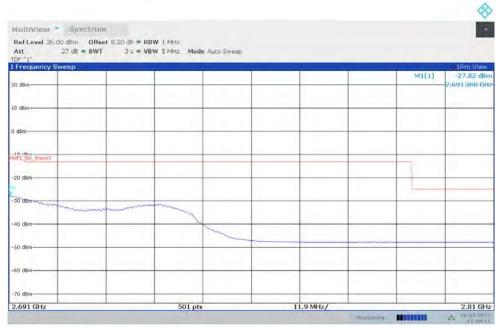
#### HIGH BAND EDGE BLOCK-100M-100%RB







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



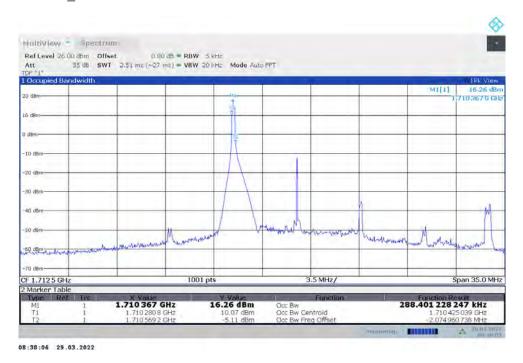
17:48:12 28.03.2022



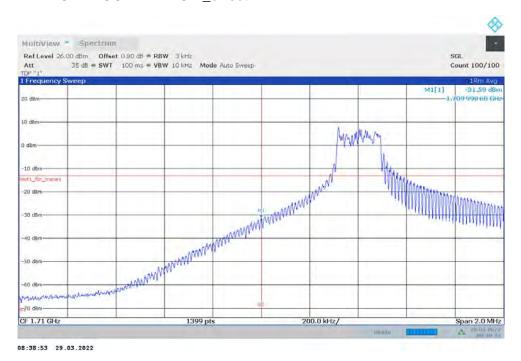


#### **NR n66**

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



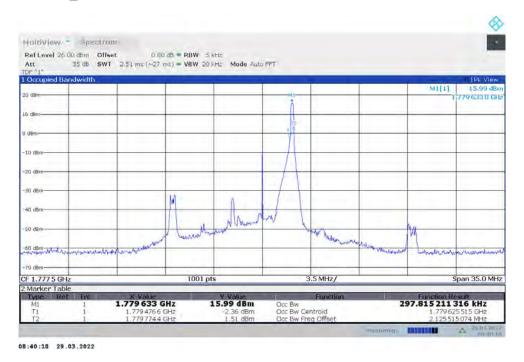
# LOW BAND EDGE BLOCK-1RB-LOW\_offset



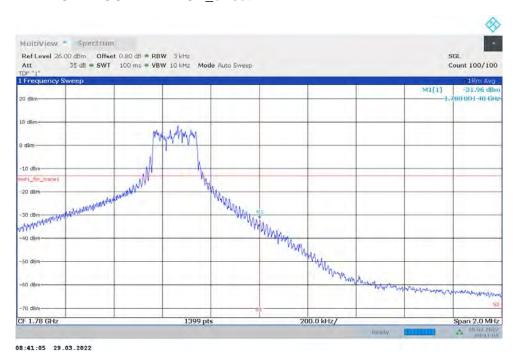




# **OBW: 1RB-HIGH\_offset**



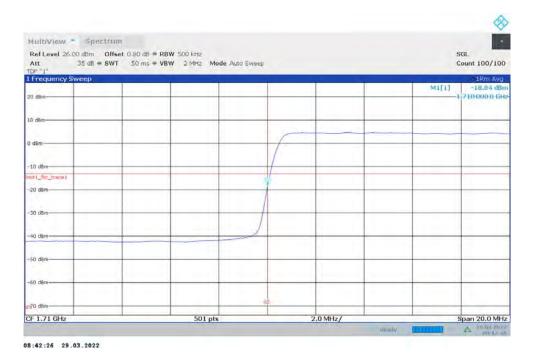
# HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



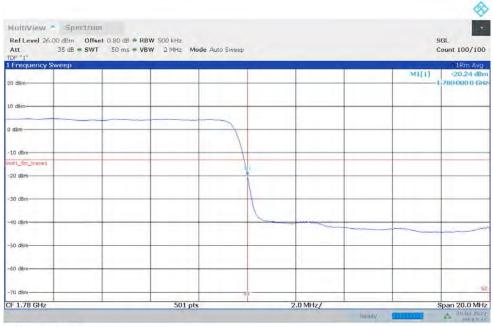




### **LOW BAND EDGE BLOCK-40M-100%RB**



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



08:43:38 29.03.2022



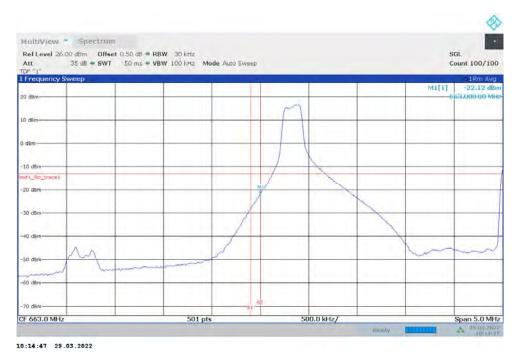


### NR n71

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



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



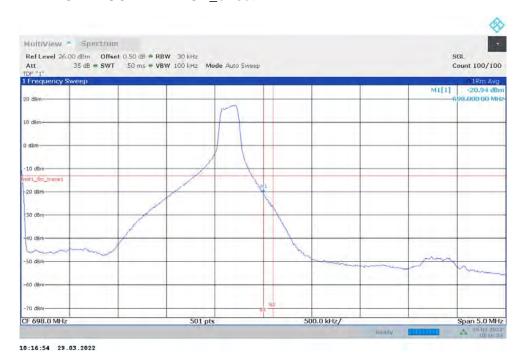




# **OBW: 1RB-HIGH\_offset**



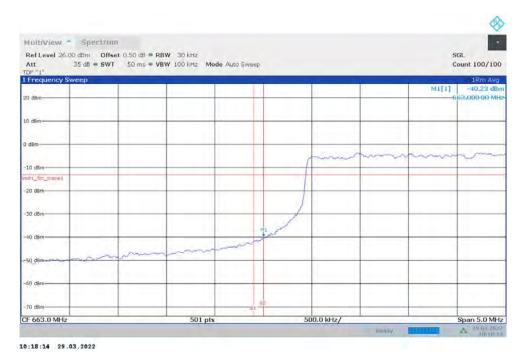
# HIGH BAND EDGE BLOCK-1RB-HIGH offset







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



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

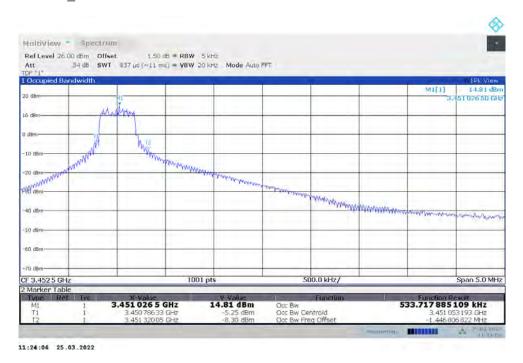




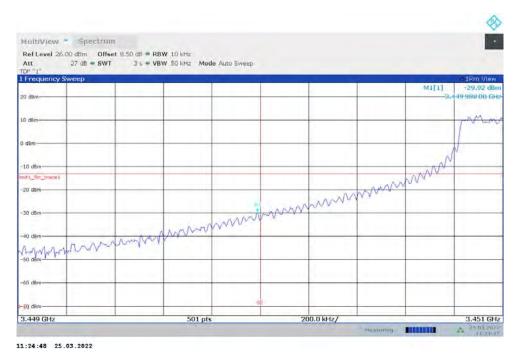


### NR n77L

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



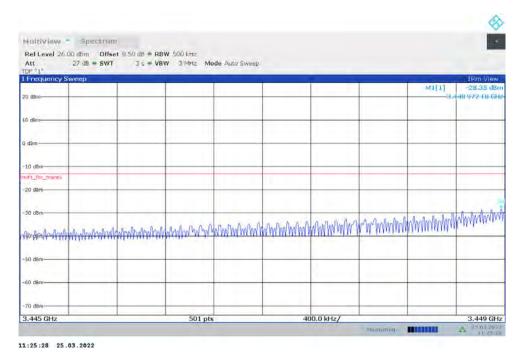
# LOW BAND EDGE BLOCK-1RB-LOW\_offset







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



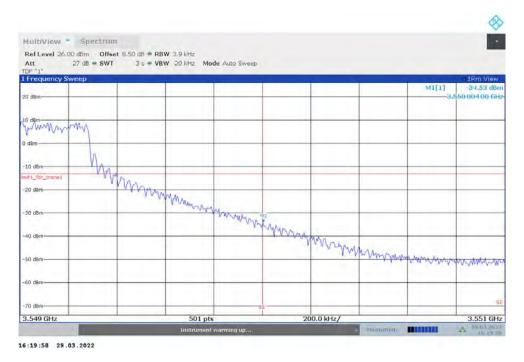
## **OBW: 1RB-HIGH offset**



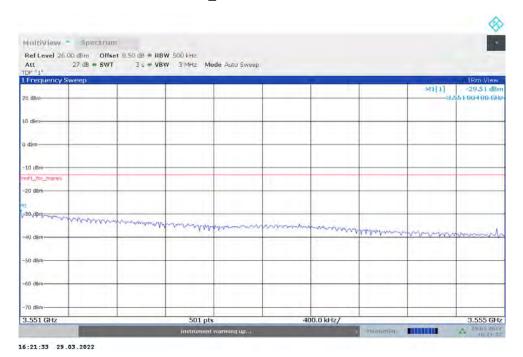




# HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



# HIGH BAND EDGE BLOCK-1RB-HIGH offset

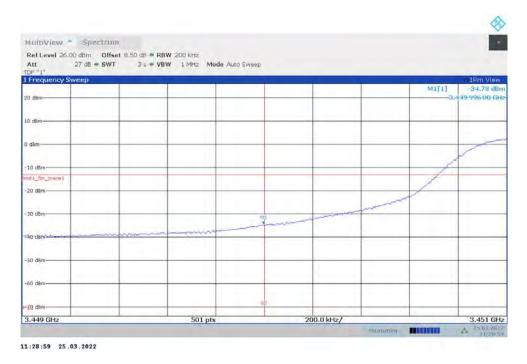


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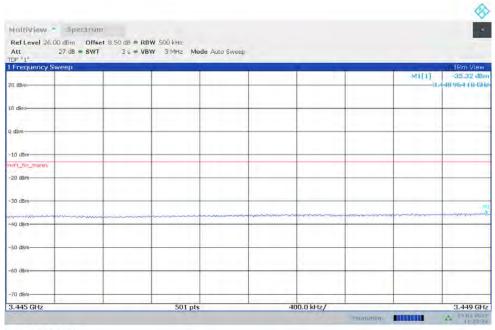




### LOW BAND EDGE BLOCK-90M-100%RB



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

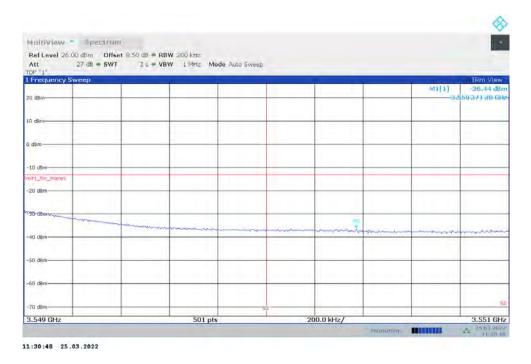


11:29:39 25.03.2022

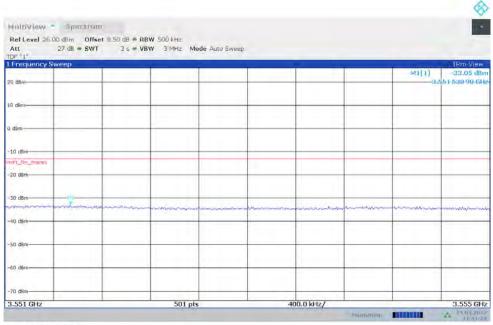




### HIGH BAND EDGE BLOCK-90M-100%RB



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



11:31:28 25.03.2022



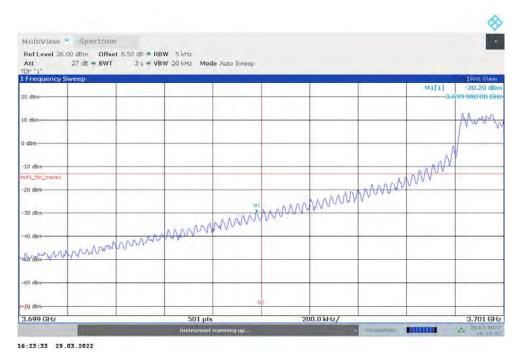


### NR n77H

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



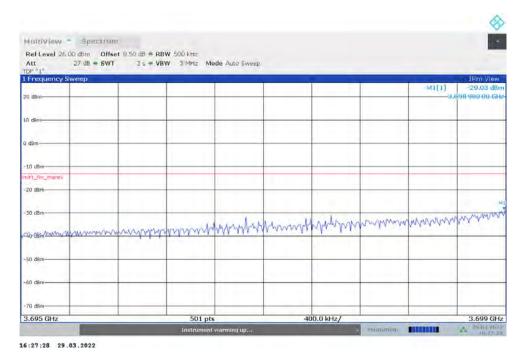
# LOW BAND EDGE BLOCK-1RB-LOW\_offset



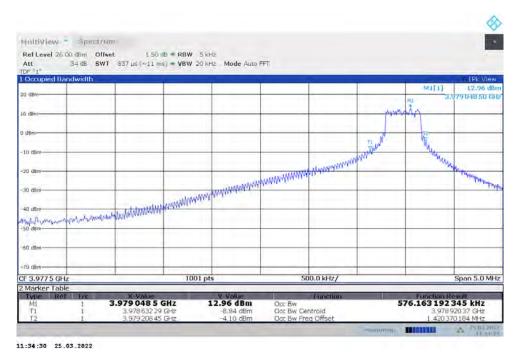




# LOW BAND EDGE BLOCK-1RB-LOW\_offset



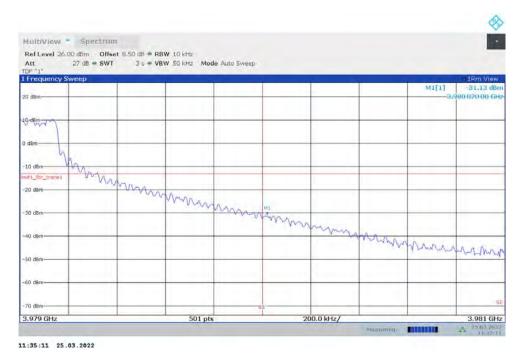
## OBW: 1RB-HIGH\_offset



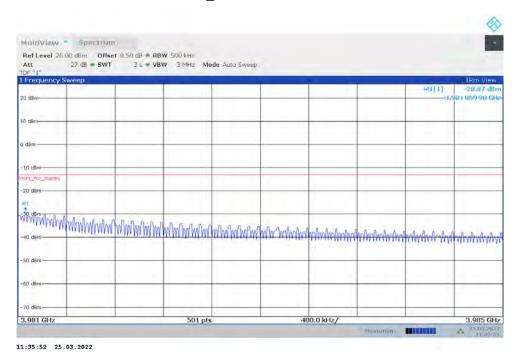




# HIGH BAND EDGE BLOCK-1RB-HIGH\_offset



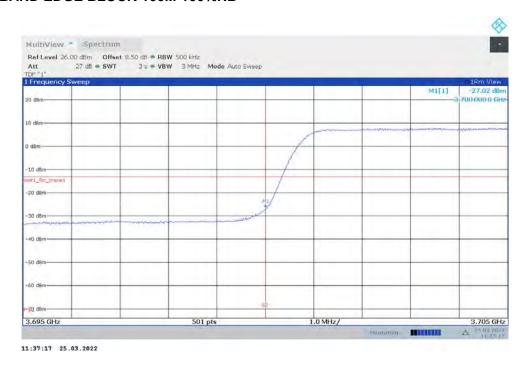
# HIGH BAND EDGE BLOCK-1RB-HIGH offset







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



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







# 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×span/RBW.

#### A. 7.2 Measurement Limit

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(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 ©Copyright. All rights reserved by CTTL.





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

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.

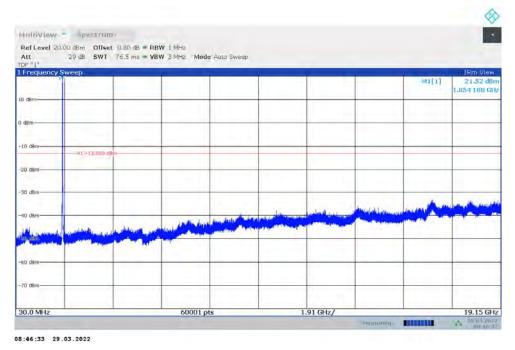




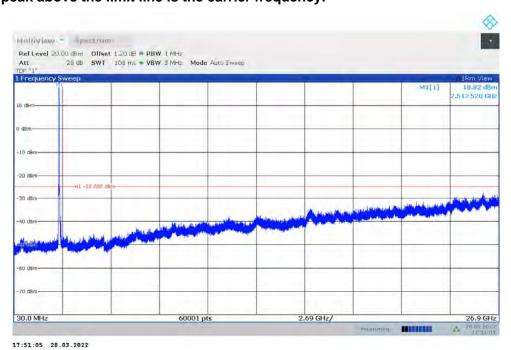
### A. 7.3 Measurement result

#### n25

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



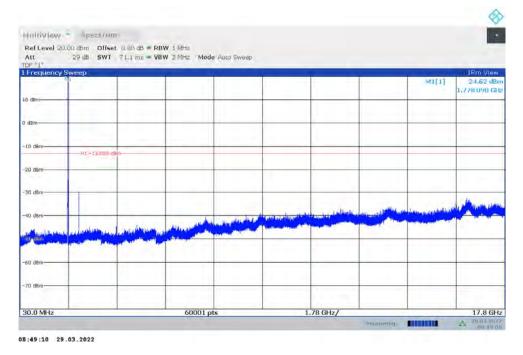
n41
NOTE: peak above the limit line is the carrier frequency.



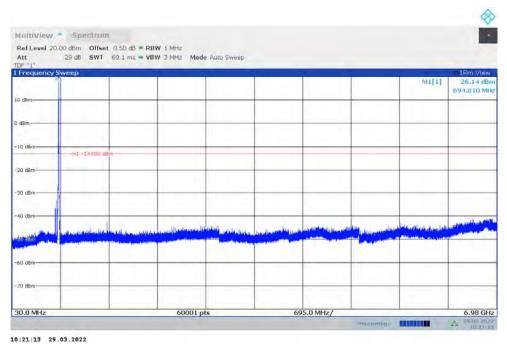




n66
NOTE: peak above the limit line is the carrier frequency.



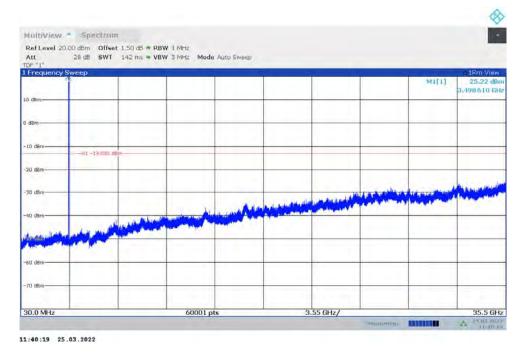
n71
NOTE: peak above the limit line is the carrier frequency.



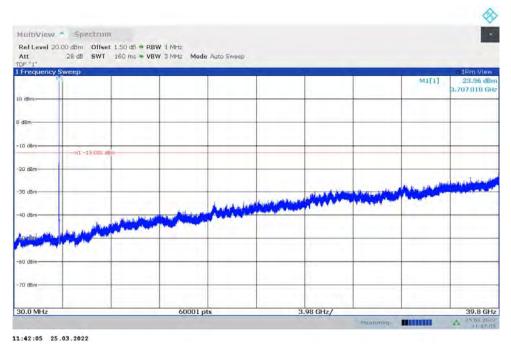




n77L NOTE: peak above the limit line is the carrier frequency.



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







# 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**

# n25,40MHz

Frequency (MHz)	PAPR (dB)									
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM	
1882.5	4.78	4.98	6.20	6.44	6.44	8.30	8.38	8.40	8.52	

# n41,100MHz

Frequency (MHz)	PAPR (dB)									
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM	
2592.99	4.59	5.38	6.13	6.32	6.43	7.91	7.96	8.01	8.26	

# n66,40MHz

Frequency (MHz)	PAPR (dB)									
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM	
1745	4.78	5.06	6.18	6.56	6.50	8.52	8.38	8.42	8.58	

#### n71,20MHz

. <u> </u>										
Frequency (MHz)	PAPR (dB)									
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM	
680.5	4.24	5.44	6.20	6.32	6.48	8.02	8.06	8.34	8.36	

# n77L,90MHz

Frequency (MHz)	PAPR (dB)									
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM	
3500.01	4.55	5.46	6.28	6.48	6.68	8.15	8.11	8.27	8.56	

# n77H,100MHz

Frequency (MHz)	PAPR (dB)									
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM	
3840	3.80	4.58	6.27	6.57	6.66	8.48	8.50	8.50	8.60	





# **Annex B: Accreditation Certificate**

United States Department of Commerce National Institute of Standards and Technology



# Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 600118-0

# Telecommunication Technology Labs, CAICT

Beijing China

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

## Electromagnetic Compatibility & Telecommunications

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025;2017.

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2021-09-29 through 2022-09-30

Effective Dates



For the National Voluntary Laboratory Accreditation Program

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