



NATIONAL ACCREDITATION SYSTEM OF THE REPUBLIC OF BELARUS
REPUBLICAN UNITARY ENTERPRISE
BELARUSIAN STATE CENTER FOR ACCREDITATION

Annex 1 to Accreditation Certificate
No. BY / 112 1.0321
dated January 12, 1998
on form No.
on 2 pages
Edition 01

AREA OF ACCREDITATION

dated November 25, 2015

Testing Laboratory for Ultrahigh Frequency Hardware and Devices
Research and Training Innovation Center for Microwave Technologies and Their Metrological
Support
Research and Development Unit
Belarusian State University of Informatics and Radioelectronics

Item No.	Test object	Code	Characteristic	Name of regulations, including technological regulations applied to	
				test object	testing method
1	2	3	4	5	6
1.1	Modules and units of ultrahigh frequencies	A12.B99	Output power $P = 0,3 \mu\text{W} - 10 \text{ mW}$ $f = 0,02 - 17,85 \text{ GHz};$ $f = 37,5 - 178,3 \text{ GHz};$	Technological regulations applied to the products	GOST 20271.1-91, p.2, method III
1.2		A12.B99	Electromagnetic oscillation frequency $f = 10 \text{ GHz} - 178,1 \text{ GHz}$		GOST 20271.1-91, p.7, p.8
1.3		A12.B99	Voltage Standing Wave Ratio $KCTU = 1,03 - 5,0$ $f = 0,01 - 18,0 \text{ GHz}$ $f = 25,86 - 118,1 \text{ GHz};$ $f = 129,2 - 142,8 \text{ GHz}$		GOST 20271.1-91, p.13, methods I, II, IV
1.4		A12.B99	Power decay and gain factors $A = -50 - +30 \text{ dB}$ $f = 0,01 - 18,0 \text{ GHz}.$ $A = -30 - +20 \text{ dB}$ $f = 25,86 - 118,1 \text{ GHz};$ $f = 129,2 - 142,8 \text{ GHz}$		GOST 20271.1-91, p.3, methods I, II



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1	2	3	4	5	6
1.5	Modules and units of ultrahigh frequencies	A12.B99	Nonuniformity of power decay and gain factors A = -50 - +30 dB f = 0,01 - 18,0 GHz. A = -30 - +20 dB f = 25,86 - 118,1 GHz; f = 129,2 - 142,8 GHz	Technological regulations applied to the products	GOST 20271.1-91, p.4, method III
1.6		A14.B99	Slope of change in power decay and gain factors A = -50 - +30 dB f = 0,01 - 18,0 GHz. A = -30 - +20 dB f = 25,86 - 118,1 GHz; f = 129,2 - 142,8 GHz		GOST 20271.1-91, p.5
1.7		A12.B99	Spectrum width f = 0,01 - 39,6 GHz; f = 0 - 150 MHz		GOST 20271.1-91, p.9
1.8		A12.B99	Amplitude parameters of pulses f = 0 - 150 MHz		GOST 20271.3-91, methods I, II, IV
1.9		A12.B99	Time parameters of pulses f = 0 - 150 MHz		GOST 20271.3-91, methods I, II, IV

Head of National Body for
Accreditation of the Republic of Belarus
Director of BSCA

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Nikolaeva T.A.

подпись ведущего оценщика

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