

88 Code according to the OKUD		Code of the institution. According to OKPO
Ministry of Health of the Russian Federation		the certificate of accreditation of the testing laboratory (center) No. GSEN.RU.01
Federal Center for State Sanitary and Epidemiological Supervision		
Department of Hygiene of non-ionizing radiation with the laboratory Moscow 19 Varshavskoe shosse str t. 954-06-86 fax: 954-03-10		
		Registered in the State Register No. R OCC.RU .0001.510127 Valid until 01.01 2004.

ABOUT TOK OL NO. 19/19
 measurements of the electromagnetic field strength,
 the electrostatic potential and the electrostatic field of the Orion TV
 without the Neutronics protective device
 dated 05/16/2002

Place of measurement: FederaCenter of the GSEN, hall.
 The source of radiation is the Orion TV
 Measuring instruments and information on state verification:
 -electric and magnetic field strength meter, BE -METER- AT-002, factory. No. 36497, verification certificate No. 00/1213 dated 12/21/2001
 -electrostatic field strengthmeter, ST-01, factory No. 08599, verification certificate No. 01/1311 dated 12/24/2001
 Regulatory and technical documentation, in accordance with which the measurements and the conclusion was given:
 Sanitary rules and regulations. Hygienic requirements for video display terminals, personal electronic computers and work organization". SanPiN 2.2.2. 542-96 .

No n/n	Location of the event Measurements	1 lane, In/m	2 lanes, In/m	1 lane, mkTI	Band 2, nTI	ESp, sq	Ep, sQ/m
	are extremely-acceptable levels.	25	2,5	0,25	25	0,5	15
1	Background, distance 0.5 m		0	0,03	0	4,42	1,24
2	Slave. TV, distance 0.5 m	24	0,17	0,03	5	18,5	2,77
3	Background, distance 1m	0	0	0,03	0	-	0,347
4	Slave. TV, distance 1 m	5	0,12	0,04	3	-	0,613

Note: ESP - electrostatic potential at a distance of 10 cm from the screen
 EP - electrostatic field

The person who made the measurement is san. doctor
 Head of the Department

Lysenko V.N.
 Sterlikov A.V.

		88 Code	according to OKUD
		Code	establishment. According to OKPO
Ministry of Health of the Russian Federation			
Federal Center for State Sanitary and Epidemiological Supervision			
Non-ionizing Radiation Hygiene Department with laboratory Moscow 19 Varshavskoe shosse str , t. 954-06-86 fax: 954-03-10			
		Certificate of accreditation of the testing laboratory laboratory (center) No. GSEN.RU.01	
		Registered in the State Register № POCC.RU .0001.510127 Valid until 01.01.2004.	

ORO TOK OL NO. 20/19

measurements of the electromagnetic field strength,
the electrostatic potential and the electrostatic field of the Orion TV
without the Neutronics protective device
dated 05/17/2002

Place of measurement: Federal Center of the GSEN, hall.

The source of the radiation is the Orion TV.

Measuring instruments and information on state verification:

-electric and magnetic field strength meter, VE -METER- AT-002, factory. No. 36497, verification certificate No. 00/1213 dated 12/21/2001

-electrostatic field strength meter, ST-01, factory No. 08599,

Verification certificate No. 01/1311 dated 12/24/2001

Regulatory and technical documentation, in accordance with which the measurements and the conclusion was given:

Sanitary berths and poop. Hygienic requirements for video display terminals, personal electronic computers and work organization". SanPiN 2.2.2. 542-96 .

№	Place of measurement	1 lane, \bar{I}_n/m	2 lanes, I_n/m	1 lane, $m\bar{kTl}$	2 lanes, $1T$	ESP, kV	EP, sQ/m
	Maximum permissible levels	25	2,5	0,25	25	0,5	15
1	Background, distance 0.5 m ³		0	0,04	0	5,38	1,31
2	Working TV, distance 0.5 m	26	0,43	0,07	6	11,1	1,82
3	Background, distance 1 m	0	0	0,03	0	-	0,115
4	Slave. TV, distance 1 m	7	0,16	0,06	3	-	0,512

Note: ESP is the electrostatic potential at a distance of 10 cm from the screen.
EP is an electrostatic field.

The person who made the measurement is san. doctor

Lysenko V.N.

Head of the Department

Sterlikov A.V.

88 Code according to OKUD	
Code establishment. According to OKPO	
Ministry of Health of the Russian Federation Federal Center for State Sanitary and Epidemiological Supervision	Certificate of accreditation of the testing laboratory laboratory (center) No. GSEN.RU.01
with the laboratory Moscow 19 Varshavskoe shosse str ., t. 954-06-86 fax: 954-03-10	Registered in the State Register No. POCC.RU.0001.510127 Valid until 01.01.2004

ABOUT TOK OL NO. *24/19*

measurements of the electromagnetic field strength,
the electrostatic potential and the electrostatic field of the Orion TV
without the Neutronics protective device
from 05/18/2002

Place of measurement: Federal Center of the GSEN, hall.

The source of radiation is the Orion TV,
measuring instruments and information on state verification.

-electric and magnetic field strength meter, BE -METER- AT-
002, factory. No. 36497, verification certificate No. 00/1213 dated 21.12.2001

-electrostatic field strength meter, ST-01, factory.
Verification certificate No. 61/1511 dated 12/24/2001

08599,

Normative and technical documentation, according to which

measurements were carried out and a conclusion was given:

Sanitary rules and regulations. Hygienic requirements for
video display terminals, personal electronic computers and
work organization". SanPiN 2.2.2. 542-96 .

No P/1	Place of measurement	1 lane, In/m	2 lanes, In/m	1 lane, mKTI	Band 2, nTI	ESP, sq	ep, sQ/m
	Maximum permissible levels	25	2,5	0,25	25	0,5	15
1	Background, distance 0.5 m	5	0	0,04	0	5,46	1,17
2	Slave TV, distance 0.5 m	24	0,14	0,08	8	12,3	3,42
3	Background, distance 1m	0	0	0,03	0	-	0,575
4	Slave. TV, distance 1 m	5	0	0,03	2	-	0,914

Note ESP - electrostatic potential at a distance of 10 cm from the screen
of the EP - electrostatic field.

The person who made the measurement is san. doctor

Lysenko In N.

Head of the Department

Sterlikov A.V.

Ministry of Health of the Russian Federation Federal Center for State Sanitary and Epidemiological Supervision		88 Code according to OKUD Code establishment. According to OKPO
Non-ionizing Radiation Hygiene Department with laboratory Moscow 19 Varshavskoe shosse str , t. 954-06-86 fax: 954-03-10		Certificate of accreditation of the educational laboratory (center) No. GSEN.RU.01 Registered in the State Register No. POCC.RU .0001.510127 Valid until 01.01.2004

ABOUT TOK OL No. 2/19

measurements of the electromagnetic field strength,
the electrostatic potential and the electrostatic field of the Orion TV with
the use of the Neutronic protective device (installed 05/18/02)
dated 05/20/2002

Place of measurement: The Federal Center of the GSEN, hall.

The source of radiation is the Orion TV

, measuring instruments and information on state verification:

- electric and magnetic field strength meter, BE-METER-

002, factory. No. 36497, certificate of verification No. 00/1213 dated 12/21/2001

- electric voltage meters

fields, ST"O1, vavod. No. 0a509,

Verification certificate No. 01/1311 dated 12/24/2001

Regulatory and technical documentation, in accordance with which the
measurements and the conclusion was given:

Sanitary rules and regulations. Hygienic requirements for
video display terminals, personal electronic computers and
work organization". SanPiN 2.2.2. 542-96 .

№ n/a	Place of measurement	1 lane, ln/m	2 lanes, ln/m	1 lane, mkTI	Band 2, nTI	ESP, sq	EP, sQ/m
	Maximum permissible levels	25	2,5	0,25	25	0,5	15
1	Background, distance 0.5 m	1	0	0,06	0	6,8	0,672
2	Slave. TV, distance 0.5 m	12	0,13	0,15	4	18,1	1,19
3	Background, distance of 1 m	0	0	0,06	0	-	0,347
4	Working TV. distance of 1 m	5	0,12	0,04	3	-	0,469

Note: ESP is the electrostatic potential at a distance of 10 cm from the screen.
EP is an electrostatic field.

The person who made the measurement is san. doctor

Lysenko V.N.

Head of the Department

Sterlikov A.V.

Simplex wearable radios HX270 of the VHP/UHP band and GX1608 of the VHF/UHF band.

88 Code _____ according to OKUD _____	
Code _____ establishment. According to OKPO _____	
Ministry of Health of the Russian Federation Federal Center for State Sanitary and Epidemiological Supervision	Certificate of accreditation of the testing laboratory laboratory (center) No. GSEN.RU.01
Non-ionizing Radiation Hygiene Department with laboratory Moscow Virshavskoe shosse str., 19-A т 954-06-86 ax: 954-03-10	Registered in the State Register No. POCC.RU .0001.510127 Valid until 01.01 2004

ABOUT TOKOL No. *25/19*

measurements of the strength of the electromagnetic field, the electrostatic potential and the electrostatic field of the Orion TV with the use of the Neutronic protective device (installed 18 05 02) from 05/21/2002

Place of measurement: The Federal Center of the GSEN, hall
Radiation source - Orion TV Measuring

instruments and information on state verification

-electric and magnetic field strength meter, VE -METER- AT-002, factory. No. 36497, verification certificate No. 00/1213 dated December 21, 2001

-electrostatic field strength meter, ST-01, factory No. 08599.

verification certificate No. 01/1311 dated 12/24/2001,

Regulatory and technical documentation, in accordance with which the following were carried out measurements and the conclusion was given:

"Sanitary rules and regulations. Hygienic requirements for video display terminals, personal electronic computers and work organization". SanPiN 2.2.2. 542-96 .

№ P/II	Location of the event Measurements	1 lane, ln/mI	2 lanes, ln/mI	1 lane, mkTI	Band 2, uT.I	ESP, kV	ep, sQ/mI
	are extremely-acceptable levels	25	2,5	0,25	25	0,5	1Si
1	Background, distance 0.5 m	0	0	0,04	0	7,1	0,751
2	Working teleswizor, distance 0.5 m	12 <i>51110 24</i>	0,07	0,11	5	19,7	1,01
3	Background, distance 1 m	0	0	0,03	0	-	0,438
4	Working teleswizor, distance 1 m	4	0,16	0,03	3	-	U,523

Note: ESP is the electrostatic potential at a distance of 10 cm from the screen.

EP is an electrostatic field.

The person who made the measurement is a doctor *[Signature]* Lysenko In N.

Head of the Department

[Signature] Sterlikov A.V.

88 Code according to OKUD		Code establishment. According to OKPO	
Federal Center for State Sanitary and Epidemiological Supervision		Attestation of the accreditation of the non-experimental laboratory (center) No. GSEN.RU.01	
Department of hygiene of baking radiation with laboratory Moscow 19 Varshavskoe shosse street, t. 954-06-86 fax: 954-03-101		Registered in the State Register: № POCC.RU .0001.510127 Valid until 0L.01.2004	

ABOUT TOK OL NO. *24/19*

measurements of the electromagnetic field strength, the electrostatic potential and the electrostatic field of the Orion TV. with the use of the Neutronicus protective device (installed on 05/18/02) dated 05/22/2002.

Place of measurement: Federal Center GSEN, hall

The source of radiation is the Orion TV

Measuring instruments and information on state verification.

-electric and magnetic field strength meter, VE-METER- AT- 002, factory. No. 36497, verification certificate No. 00/1213 dated December 21, 2001

-electrostatic field strength meter, ST-O1, factory. № 08599, verification certificate No. 01/1311 dated 12/24/2001, Regulatory

and technical documentation, in accordance with which the following were carried out measurements and the conclusion was given:

Sanitary rules and regulations. Hygienic requirements for video display terminals, personal electronic computers and work organization". SanPiN 2.2.2 542-96 .

№ 1/n	Location of the event measurements	1 lane, ln/ml	2 lanes, ln/ml	1 lane, mkTII	Band 2, II TII	ESP, kV	EP, sQ/m.
	Maximum permissible levels	25	2,5	0,25	25	0,5	15
1	Fan, distance 0.5 m	0	0	0,03	0	6,4	0,694
2	Slave, gelenichor, distance 0.5 m	0	0,08	0,1	0	18,4	1,21
3	Fin, distance of 1 m	0	0	0,07	0	-	0,424
4	Slave. TV, distance of 1 m	2	0,06	0,03	3	-	0,653

Note: ESP - electrostatic potential at a distance of 10 cm from the screen of the EP - electrostatic field.

The person who made the measurement is a doctor

[Signature] Lysenko In N.

Head of the Department

[Signature] Sterlikov A.V.

		88 Code _____ according to OKUD _____
		Code _____ establishment. According to OKPO _____
Ministry of Health of the Russian Federation Federal Center for State Sanitary Supervision		Certificate of accreditation of the testing laboratory (center) No. GSEN.RU.01
Department of gigantic kirunic radiation with labor Moscow Varshavskie shosse str., 19-A T. 954-00 -80x: 54-03-10)		Registered in the State Register of Nu POCC.RU ,4001.510127 Dstvitelei d 2004

ABOUT TOK OL NO. *25/19*

measurements of the electromagnetic field strength, the electrostatic potential and the electrostatic field of the Orion TV with the use of the Neutronic protective device (installed 05/18/02) dated 05/24/2002

Place of measurement: Federal Center of GS"EN, Holya.

The source of the radiation is the Orion TV.

Measuring instruments and information about the state verification.

-electric and magnetic field strength meter, VE -METER- AT-002, factory. No. 36497, verification certificate No. 00/1213 dated 12/21/2001

-electrostatic field strength meter, ST-01, factory.No 08599, according to the certificate No. 01/1311 dated 12/24/2001,

Regulatory and technical documentation was carried out in accordance with which:

~~ГОСТ Р 51801-2002~~

"Sanitary rules and regulations. Hygienic requirements in video display terminals, personal electronic computing devices and work organization". San1iN 2.2.2. 542-90 .

№ II/II	The place of measurement	1 lanes, I/N I	2 lanes, In/m)	1 strip, mkTII	2 lane, pGII	$\bar{E}\bar{S}\bar{P}$, kV	EP, sQ/m)
	Maximum- maximum levels	25	2,5	0,25	25	0,5	15
1	Background, settlement 0.5 m	0	0	0,04	0	5,8	0,546
2	Slave. telenchor, distance 4.5 m	14	0,19	0,09	7	17,6	1,46
3	Background, distance of 1 m	0	0	0,03	0	-	0,428
4	Slave. TV anchor, part-time m	11	0,13	0,07	4	-	0,501

Note - electrostatic potential at a distance of 10 cm from the screen

)1 - the tiscrosthetic field.

The person who made the measurement is a doctor

[Signature]
Lysenko In N.

The handyman of the unit

[Signature]
Sterlikov A.V.

Conclusion:

The measurement of electromagnetic radiation levels in the 1st range of 5-2000 Hz and the 2nd range of 2000-400000 Hz was carried out within 3 days from the Orion TV without the Neutronicus protective device and 5 days after installation of new "Neutronics" in the lower left corner of the TV.

The results obtained indicate that after the installation of the Neutronic protective device on the TV, the levels of the electric field in the range 5-2000 Hz are reduced by 2-3 times.

Head of the Department



Sterlikov A.V.