EXPERT OPINION

For the protective device "Neutronics" MG-03 and MG-04
manufactured by JSC Concern Russian Protective Technologies for use in
as a means of protection against electromagnetic fields generated by mobile devices
communications and personal computers.

The examination and testing of the MG-03 and MG-04 Neutronics protective device, intended for use as a means of protection against electromagnetic fields created by mobile communications and personal computers, was carried out on the basis of a letter from the Federal Center of Gossanzpidnadzor dated 30.05.2002 (No. 19FC/2303) and measurement of electromagnetic field levels (EMF) created by mobile communication devices and personal computers, presented by the Autonomous Non-profit Organization "VALKON Center for Environmental, Scientific, Technical and Socio-Cultural Initiatives" (
5 Pushkinskaya pl., Moscow, 101485).

4 samples of protective devices were submitted for testing and examination Neutronics and the following documentation:

1. Application for hygienic examination dated 04/25/2002
2. Protocols for measuring the EMF intensity, the electrostatic field of the TV Orion No. 19/19, 20/19, and 21/19 without the use of the Neutronik protective device and No. 22/19, 23/19, 24/19, 25/19 and 26/19 with the use of the Neutronik protective device dated 05/16/22/2002 (performers are employees of the Federal Center of the State Sanitary and Epidemiological Supervision of the Russian Federation).
3. Protocols No. 02-IS/02 and 04-IS/02 of tests of the Neutronics protective device, conducted by JSC"Scientific Testing Center "SAMTES" on 07.09.2000.
4. Protocol No. 167 of 12.03.2001 testing of the device "Neutronics as a protective agent against radiation from computers and televisions.

The above documentation (test reports of the Neutronics protective device) has been reviewed, and 4 samples of the device have been tested for compliance with the requirements of GOST 12.1. 045-84 SSBT "Electrostatic fields. Permissible levels in the workplace and requirements for monitoring"; SanPiN 2.2.4/2.1.8. 055-96 "Electromagnetic radiation of the radio frequency range"; SanPiN 2.2.2. 542-96 "Hygienic requirements for video display terminals, personal computers and work organization"; GN 2.1.8/2.2.4.019-94 "Temporary permissible levels (VDU) of exposure to electromagnetic radiation created by cellular radio communication systems", as well as the possibility of its use as a means of protection against the effects of electromagnetic fields (EMF) created by

personal electronic computing machines (PCs) and wearable devices

cellular communication.

Test results.

During the tests, the EMF levels created by the cellular communication device of the Benefon system (frequency 450 MHz) were measured using an EMR-200 electromagnetic field level meter (head no. AC-0061) manufactured by Narda Safety Test Solution GmbH, Germany, entered into the State Register of Measuring Instruments, registration no. 20041-00 (certificate of the State Standard of Russia DE.E.35.002.A No. 8430/1 dated 08/20/2001) with an electric field converter antenna type 8.3 BN 2244/90.20 (in the frequency range 100 kHz - 3 GHz), as well as the intensity levels of electrostatic and alternating electric and magnetic fields created by a PC - using IESP-7 and VE-meter - AT-002 devices (Head No. 91500).

As a result of the measurements, it was found that the Neutronik device does not it is a source of electromagnetic fields and, as a result, does not exert adverse effects on the human body.

An analysis of the submitted documentation and the results of the tests indicates that the MG-03 Neutronics device provides a significant reduction in the density of the EMF energy flux created by a wearable cellular communication device. At the same time, tests performed at the Research Institute of MT RAMS confirmed the presence of a decrease in the density of the EMF energy flux by 1.8 times.

Analysis of the test results of the use of the MG-04 Neutronics device as means of protection against electrostatic fields created by PC monitors indicate the presence of a decrease in the intensity of the electrostatic field by almost 3 times.

Conclusion.

Examination of the submitted documentation and the results of the tests carried out The MG-03 Neutronics devices provide a basis for concluding that this device will not cause adverse changes in human health and can be recommended as a means of reducing EMF levels created by wearable cellular communication devices.

The MG-04 Neutronics device will also not have an adverse effect on It can be recommended as a means of protection against electrostatic fields generated by a PC.

Experts:

Chief Scientific Officer, Yu.P. Fingers

Doctor of Medical Sciences, Professor

St. engineer T.G. Samusenko