

THE PUBLIC HEALTH MINISTRY OF THE REPUBLIC OF UZBEKISTAN

12, Navoi str., 700011, Tashkent, tel.: (3712) 41-16-80, 144-10-33

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For the kind attention of Mr An, Director of PVP "INTEX"

The specialists of the Department of State Sanitarian-Epidemiological Surveillance (Ministry of Health, the Republic of Uzbekistan) have studied the submitted documents related with the device Neitronik. This device is designed for protection of population against radiation emitted by computer monitors, TV-sets and mobile phones. The device was developed by Independent Non-commercial Organization "Valcon" (Joukovsky, Moscow Region, Russian Federation), the appropriate Patent for invention # 2139579 was registered on 10.10.1999 in the State Register of the Russian Federation.

In accordance with the Test Report of 25.06.2000 issued by the Institute of Biophysics (State Scientific Center, Ministry of Health of the Russian Federation) and the Test Report of 14.01.2000 issued by Eniological Center "Quant-Vega" of the Committee for Energetic-and-Informational Welfare of Population (the Russian Federation), the given device really reduces the area impacted by electromagnetic field generated by TV-sets, computer monitors and mobile phones.

This device has also been tested in laboratory of the Republic Center for State Epidemiological-and-Sanitarian Surveillance of Ministry of Health of Uzbekistan. The investigations of levels of electromagnetic and electrostatic fields, as well of SHF energy flux density were performed in accordance with SanPiN # 0064-96 "Admissible Levels of Radio-Frequency Electromagnetic Fields" and SanPiN # 0061-96 "Admissible Levels of the On-site Electrostatic Fields".

The results of the investigations are as follows:

- a) After 2-day exposure, the SHF energy flux density of the mobile phone effectively reduced from $8.9 \mu\text{Wt}/\text{sm}^2$ to $1.9 \mu\text{Wt}/\text{sm}^2$ and even became smaller than instrument sensitivity (results are enlisted in the test report # 1 of 05.01.2001).

- b) After 30-days exposure, the electromagnetic field level has reduced from 12.0 V/m to 4.0 V/m at the side of the monitor itself and from 14.0 V/m to 4.0-5.0 V/m at the side of its side panels at the distance of 0.1 from the surface (results are enlisted in the test report # 10 of 05.03.2001).
- c) After 30-days exposure, the electromagnetic field level of the TV-set has reduced from 39.0 V/m to 4.0 V/m at the distance of 0.1 from its monitor (results are enlisted in the test report # 10 of 05.03.2001).

The electrostatic field level of the computer monitor has reduced from 38.0 A/m to 15.0 a/m at the distance of 0.5 from the monitor.

Taking the foregoing into consideration, the Health Ministry of the Uzbekistan Republic assumes that application of the device Neitronik provides sufficient reduction of electromagnetic and electrostatic fields, generated by computer monitor and TV-set, as well as SHF energy flux density of mobile phone.

Deputy Chief Sanitarian

Doctor of the Uzbekistan Republic

N.S. Atabeckov