



Fig 15 : JVComm32 in action.

processed by several methods. WEFAX signals used to be processed on older computers without a sound card using JV FAX 7.1a. (operating system Microsoft MS-DOS 3.0-6.22). For those who would like to reminisce, you can study this issue on the web [19]. You will find a description of simple method, which consists of converting the amplitude modulation to frequency modulation. The maximum change of brightness is then expressed by a change of frequency of approximately 1500 - 2300Hz. This signal is connected to the computer's serial port using a simple comparator (EasyInterface) and processed by JV FAX 7.1a. Thanks to the negligible price of obsolete

computers you can make a receiver and decoder at minimum cost and have continuous reception of pictures from meteorological satellites.

Modern fast computers with sufficiently big operation memory give us a possibility to use the most advanced programs. The demodulated 2400Hz signal is connected directly to the input of sound card.

9.1 Program for decoding of WEFAX signals using JVComm32

Decoding of pictures by personal computers is supported by many modern programs [26]. I have tested a demonstration version of JVComm 32. This is