

Radio pulse logic element "AND" contains two frequency mixers of information signals, which are connected through a first intermediate frequency filter, and the output of the second frequency mixer of information signals through the second intermediate frequency filter is connected to the first splitter, the three outputs of which are connected to the three inputs of the frequency shift mixers, the second inputs of which are connected to the sources of auxiliary signals, and the output of the first frequency shift mixer through the second splitter is connected to the first bandpass filter and the first power adder, the outputs of the second and third frequency shift mixers are connected to the second power adder, the third input of which is connected to the second splitter, and the output is connected to the second bandpass filter, the output of which is connected to the first power adder. A fourth frequency-shifting mixer, a third intermediate frequency filter and a third information signal frequency mixer are introduced, one of the inputs of which is connected to the source of information signals, and the second is connected to the second intermediate frequency filter, and the output through the third intermediate frequency filter is connected to the first splitter, which has four outputs, the fourth output of which is connected to the first input of the fourth frequency-shifting mixer, the output of which is connected to the first input of the second power adder, which has four inputs, the other three inputs are connected to the output of the second splitter and the outputs of the second and third frequency-shifting mixers, and the output of the second power adder is connected to the second bandpass filter, the output of which is connected to the first power adder.