

The invention relates to reference frequency players. A reference frequency presentation method includes resonance frequency signal detection under stabilization of a sensitive element, frequency signal processing and reference frequency presentation. The device for reference frequency presentation comprises a sensitive element, a frequency signal processing and reference frequency presentation circuit, a heat stabilizer, a crystal-controlled oscillator, a frequency comparator, a programmable timer. As a sensitive element is used a crystal material where takes place a nuclear quadrupole resonance where in the reference temperature point ampoule with control electronics is placed and located in a resonance circuit inductance coil connected with a nuclear quadrupole resonance detection generator, the low-frequency output being connected correspondingly with synchronous detector inputs of the first derivation and a synchronous detector of the second derivation, a signal modulation synthesizer, the A output being connected with a reference synchronous detector input of the second derivation, the derivation being connected with a threshold comparator input, the output being connected with the first coincidence circuit input (conjunction), the second input being connected with a thermostat control circuit output and its output with an analog commutator input, a B modulation signal synthesizer is connected with a reference synchronous detector input of the first derivation, the output being connected with one of analog commutator inputs, the second input being connected with C synthesizer signal modulation output, the D output through RLC link is connected with one of resonance circuit inputs, the second input being connected through RL-link and an analog integrator is connected with an analog commutator and the second high frequency nuclear quadrupole resonance detection generator output is connected with the first information frequency path conjunction input, the second input being connected with a threshold comparator output, the third input is connected with a frequency divider output and frequency comparator output is connected to a crystal-controlled oscillator control input and reference temperature gallium fusing point control circuit and a crystal-controlled oscillator output is a device output. The device provides clearing dependence from the temperature with thermostabilisation of a device sensitive element in one of MTSH-90 reference temperature points and long-term stability.