

【ABSTRACT】

A frequency tuning impedance matching method includes analyzing a start driving frequency, set by a user, and an RF output signal to vary a driving frequency. Specifically, a next
5 frequency may be predicted using susceptance which is an imaginary part of measured admittance in an n-th pulse. Accordingly, impedance matching may be completed at high speed or an optimal frequency may be reached at high speed.

(Fig. 7 accompanies abstract)