

Abstracts

The R.F. System of a Typical Clinical Linear Accelerator

G.E. Meddaugh. "The R.F. System of a Typical Clinical Linear Accelerator." 1994 MTT-S International Microwave Symposium Digest 94.3 (1994 Vol. III [MWSYM]): 1611-1614.

I've been asked to describe the r.f. system of a typical Clinical Linear Accelerator used for radiotherapy purposes. Having worked on the Varian Clinac 2100 ® (CL2100) series and its predecessors for several years, I'll choose it as typical. It is a very complex electromechanical device weighing over 10 tons and capable of being serviced by a moderately trained technician. The CL2100 is a klystron driven machine; there are few differences between these and magnetron driven systems (CL600 series).

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