

Abstracts

Advanced RF Circuit Miniaturization for 800 MHz Land Mobile Radio Unit

S. Seki, N. Kanmuri and S. Yuki. "Advanced RF Circuit Miniaturization for 800 MHz Land Mobile Radio Unit." 1981 MTT-S International Microwave Symposium Digest 81.1 (1981 [MWSYM]): 182-184.

Advanced RF circuits for a mobile radio unit are presented. A new compact mobile radio unit has been successfully developed having an 800MHz frequency synthesizer, a thick-film MIC up to 900MHz frequency region and a SAW device. The size and weight of this unit are 1,500 cm³ and 2.4 kg. Respectively, and it possesses 1,000 radio channels.

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