

Abstracts

RF-circuit configurations and new SAW duplexers for single- and dual-band cellular radios

M. Hikita, N. Matsuura, N. Shibagaki and K. Sakiyama. "RF-circuit configurations and new SAW duplexers for single- and dual-band cellular radios." 1999 MTT-S International Microwave Symposium Digest 99.4 (1999 Vol. IV [MWSYM]): 1445-1448 vol.4.

Single-band and dual-band SAW antenna duplexers have been developed. The former constructed with R1 and T1 filters can be used in 800-MHz EGSM or 1.8-GHz PCN single-band system. The latter constructed with R1's anti-diode switches can be used in the EGSM/PCN dual-band system. The required frequency characteristics as well as the module miniaturization have been achieved.

[Return to main document.](#)