

Abstracts

Plug-In 11-GHz LNA Module with Ground Plane Tuner

B.R. Hanford. "Plug-In 11-GHz LNA Module with Ground Plane Tuner." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 441-444.

A tunable single-stage MESFET LNA plug-in module with a 2-dB noise figure and 10-dB gain becomes the front-end stage of mass produced low noise down-converters for the 10.7- to 11.7-GHz Digital Communication Systems. The LNA modules are tuned in a test receiver and then randomly inserted into down-converters to speed up production testing. Space feedback is used to enhance the LNA noise figure and gain.

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