

Abstracts

Investigation of a Single-Sideband Mixer Anomaly (1983 [MWSYM])

B.R. Hallford. "Investigation of a Single-Sideband Mixer Anomaly (1983 [MWSYM])." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 449-451.

Investigations into a higher than expected conversion loss phenomena in a single-sideband (SSB) balun-coupled mixer revealed an unusual feedthrough mechanism. The tests also showed the image frequency voltage to be short-circuited with a ring diode quad and open-circuited with a bridge diode quad.

 [Return to main document.](#)