

Abstracts

A Novel High Power Harmonic Suppressor (1962 [MWSYM])

E. Wantuch and R.M. Maines. "A Novel High Power Harmonic Suppressor (1962 [MWSYM])." 1962 PGMTT National Symposium Program and Digest 62.1 (1962 [MWSYM]): 70-71.

The use of high power harmonic suppressors, or low-pass filters, is becoming an accepted technique in the microwave state-of-the-art. Such filters are required to absorb spurious frequencies generated by high power microwave sources. Radiation of such frequencies may cause serious interference problems with neighboring radar equipment. It is further desired that these harmonic frequencies not only be prevented from reaching the antenna, but should also be terminated resistively to prevent multiple reflections between the rejection filter and the microwave source.

[Return to main document.](#)