# Abstracts

## A Broadband Absorbing Wall for VHF Range Utilizing Thin Ferrite Tiles

*K. Suetake. "A Broadband Absorbing Wall for VHF Range Utilizing Thin Ferrite Tiles." 1967 G-MTT International Microwave Symposium Program and Digest 67.1 (1967 [MWSYM]): 13-16.*

In this paper, the author has presented a new idea for the synthesis method of the thin absorbing wall with ferrite plates for U.H.F. range anechoic chamber. It has been proved that the broadband absorbing wall made of dielectric material -such as foamed polystyrene captaining carbon powder or parallel resistive sheets -has the limit in its thickness, that is, the thickness of such type wall does not became shorter than 0.7lambda/sub o/ where lambda/sub o/ is the wavelength in the free space of the lowest frequency.

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