

Abstracts

Performance of a Ka-Band Satellite System Under Variable Transmitted Signal Power Conditions

G. Fujikawa and R. Kerczewski. "Performance of a Ka-Band Satellite System Under Variable Transmitted Signal Power Conditions." 1987 MTT-S International Microwave Symposium Digest 87.1 (1987 Vol. 1 [MWSYM]): 471-474.

A laboratory hardware-based satellite communication system simulator has been used to measure the effects of transmitted signal power changes on the performance of a Ka-band system. Such power changes can be used to compensate for signal fade due to rain attenuation. This paper presents and discusses the results of these measurements.

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