

Abstracts

Performance of a High-Power, 2.388-GHz Receiving Array in Wireless Power Transmission Over 1.54 km

R.M. Dickinson. "Performance of a High-Power, 2.388-GHz Receiving Array in Wireless Power Transmission Over 1.54 km." 1976 MTT-S International Microwave Symposium Digest of Technical Papers 76.1 (1976 [MWSYM]): 139-141.

The results of a series of experiments conducted to determine the performance of a microwave power receiving array are detailed. Over 30 kW of dc output power has been achieved. The ratio of dc output power to available incident RF input power has exceeded 0.8. The array performance readily scales from the extrapolated single element performance.

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