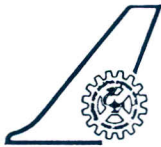


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Abstract

The EM performance of receiving antenna can be improved by minimizing the reflections and by convergence. The designs of two metal plate lenses are presented here to improve the EM performance of receiving antenna by convergence. First design of metal plate lens improves the received power by two times, and with the second design it improves four times the power received with out the lens.