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Title Wire Compensated A-sandwich Radomes for Aerospace Applications

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Abstract

The present report deals with the study of various EM performance parameters of a wire compensated A-sandwich radome. The wire grid structure is embedded in the midplane of the core and its design parameters are properly selected to get an enhanced performance at different angles of incidence over a wide range of frequencies. The study shows that the EM performance of wire compensated A-sandwich radome is superior to that of A-sandwich alone.