

Flexible Antenna Tuning Feeding Network

Author(s) - Institution(s):

Alexandru Tatomirescu, AAL

Corresponding author email: ata@es.aau.dk

Corresponding WG group: SWG 1.1

Abstract:

In this work is presented a mechanism for controlling the antenna's input reflection coefficient via multi-feeds for exciting any arbitrary opening, cut or slot in the metallic body of the device. Basically obtaining a very flexible design for what is a classical and insurmountable antenna design problem posed by the all metallic body.