Abstracts

Removing the Angular Sensitivity of FSS Structures Using Novel Double-Layer Structures

J. Shaker and L. Shafai. "Removing the Angular Sensitivity of FSS Structures Using Novel Double-Layer Structures." 1995 Microwave and Guided Wave Letters 5.10 (Oct. 1995 [MGWL]): 324-325.

A double-layered periodic structure composed of shorted rings is employed to reduce the angular sensitivity of the reflection coefficient of a frequency selective surface (FSS). The angular sensitivity appears to vanish altogether for certain separation of the two layers. The configuration of the proposed cell element makes it suitable for dual orthogonal or circular polarized applications.

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