

ABSTRACT**METHOD FOR DEFINING THE STRUCTURE OF A Ka BAND ANTENNA**

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Method for defining an antenna with weak sidelobes having at least two sources, in which the sources are regularly distributed and the reflectors have suitable shapes, obtained by the implementation of a specific algorithm, the reflectors being illuminated by sources composed of a single part. The

10 obtained antenna will offer a gain close to 0 in the direction of the array lobes, so these will be as low as possible.

Figure 3 to be published