

ABSTRACT

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Method to close an electronically-scanned antenna, setting method and dephaser for this type of antenna

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This invention concerns a method to close an electronically-scanned antenna, a setting method for this type an antenna and a dephaser associated with a radiating element.

10 The antenna comprising radiating elements (1) each connected upstream to a microwave dephaser, this dephaser (2) comprising diode dephasing cells (21, 22, 23, 24) in cascade, the last cell being composed of two branches (241, 242) each leading to the radiating element and comprising at least one diode (D9, D10), the closure of the antenna is
15 obtained by setting the diodes of the cell (24) to on-state.

The invention applies for example to the setting of active electronically-scanned antennae, especially to the setting of its transmission and reception modules.

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Figure 2.