

ABSTRACT**METHODS AND SYSTEMS FOR CALIBRATING AND/OR TESTING
RADARS OR ANTENNAS**

A device for calibrating a radar or an antenna and embedded on an aerial vehicle, comprising:

a processing unit configured to apply a delay to an incoming electromagnetic signal, wherein the device is configured to provide said electromagnetic signal with said delay to an emitter for its back transmission,

wherein the processing unit is configured to control said delay according to one or more delay values, wherein each delay value simulates a virtual range of the device or of the aerial vehicle with respect to said radar or antenna receiving said transmitted electromagnetic signal, said virtual range being different from an actual range of the device or of the aerial vehicle, for calibrating said at least one radar or antenna based on said transmitted electromagnetic signal which simulates a virtual range of the device or of the aerial vehicle with respect to said at least one radar or antenna.

Fig. 1