

Compared improvement by time, space and frequency data processing of the performances of IR cameras. Application to electromagnetism

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Abstract

The thermal resolution of a camera can be improved by time, space and frequency processing. In the first part, the efficiency of such processing is compared for a given camera, using an extended blackbody. In the second part, the processing are applied to the improvement of the radiation pattern determination of a X-band horn using the EMIR technique.

Published in the QIRT Journal (volume 2, issue 1 and volume 2, issue 2)