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## The AMY experiment to investigate the GHz emission from air shower plasmas.

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The Air Microwave Yield (AMY) experiment investigate the molecular bremsstrahlung radiation emitted in the GHz regime from an electron beam induced air-shower .

The measurements have been performed with 510 MeV electron beam in a wide frequency range between 1 and 20 GHz.

We present the apparatus and the results of the tests performed at the Beam Test Facility (BTF) of Frascati INFN National Laboratories.

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