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The very best limits on cosmological magnetic fields

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I will review the very best limits on cosmological magnetic fields, and how these limits can be improved with future-generation facilities. Cosmological (extragalactic) magnetic fields are bound to be weaker than around 1 nG, coherent across a Jeans' length. These limits are obtained from rotation measures data, and as such they do not depend on the epoch at which the fields were generated.

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