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## Fabrication and low-power testing of an X-band mode converter for VIGAS

*Monday, 20 May 2024 16:00 (2 hours)*

A new X-band mode converter for the Very Compact Inverse Compton Scattering Gamma-ray Source (VIGAS) program in Tsinghua University has been fabricated and conducted low-power testing. S11 is under -30 dB with -0.05 dB of S21 at the operating frequency of 11.424GHz according to the low-power test using the vector network analyzer, which is consistent with simulation results.

### Footnotes

### Funding Agency

### Paper preparation format

### Region represented

Asia

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