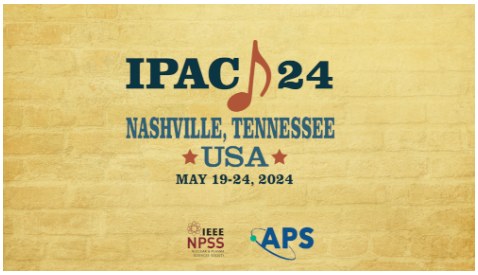

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Fabrication and high-gradient testing of an X-band phase shifter for VIGAS

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

A new X-band phase shifter for the Very Compact Inverse Compton Scattering Gamma-ray Source (VIGAS) program in Tsinghua University has been fabricated and conducted high-gradient testing. After 10 h of conditioning in the Tsinghua X-band high-power test stand (TPOT), the phase shifter reached a peak power of 72 MW at 230 ns pulse width, and peak power of 82 MW at 130 ns pulse width.

Footnotes

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Paper preparation format

LaTeX

Region represented

Asia

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