

High power tests of an additive manufacturing IH-type cavity

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Additive manufacturing (AM) has become a powerful tool for rapid prototyping and manufacturing of complex geometries. A 433 MHz IH-DTL cavity has been constructed to act as a proof of concept for direct additive manufacturing of linac components. In this case, the internal drift tube structure has been produced from 1.4404 stainless steel, as well as pure copper using AM. We present the most recent results from high power tests with the AM IH-type structure.

Footnotes

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Primary author: Dr HÄHNEL, Hendrik (Goethe Universität Frankfurt)

Co-authors: ATES, Adem (Goethe Universität Frankfurt); DEDIC, Benjamin (Goethe Universität Frankfurt); WAGNER, Christopher (Goethe Universität Frankfurt); KAISER, Jan (Goethe Universität Frankfurt); RATZINGER, Ulrich (Goethe Universität Frankfurt)

Presenter: Dr HÄHNEL, Hendrik (Goethe Universität Frankfurt)

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