

Design and RF Measurements of an X-band Accelerating Structure for the Sparc Project

INFN-LNF; University of Rome, la Sapienza ; INFN - MI

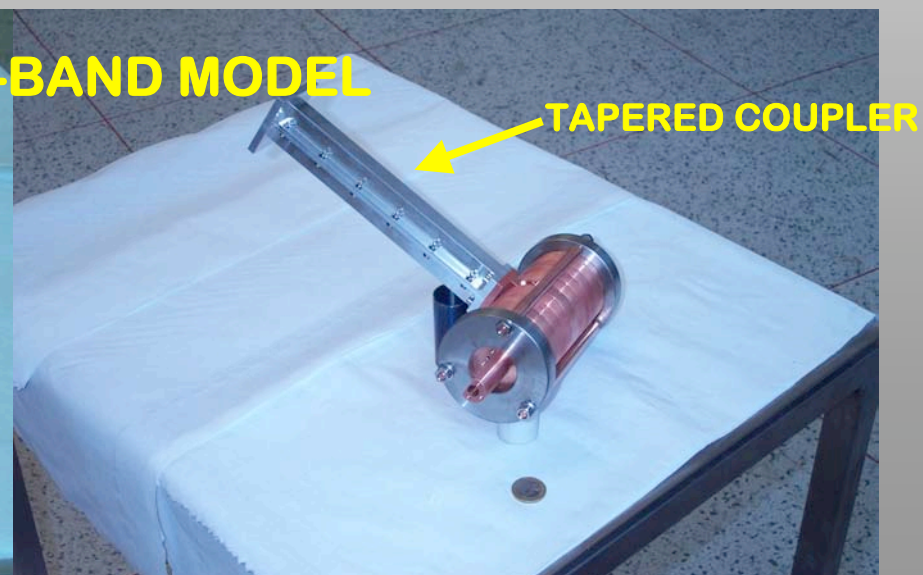
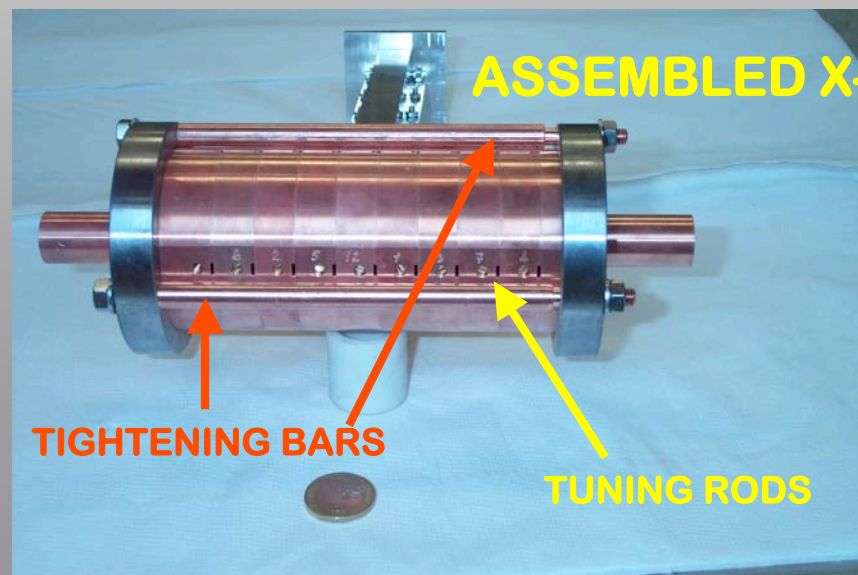
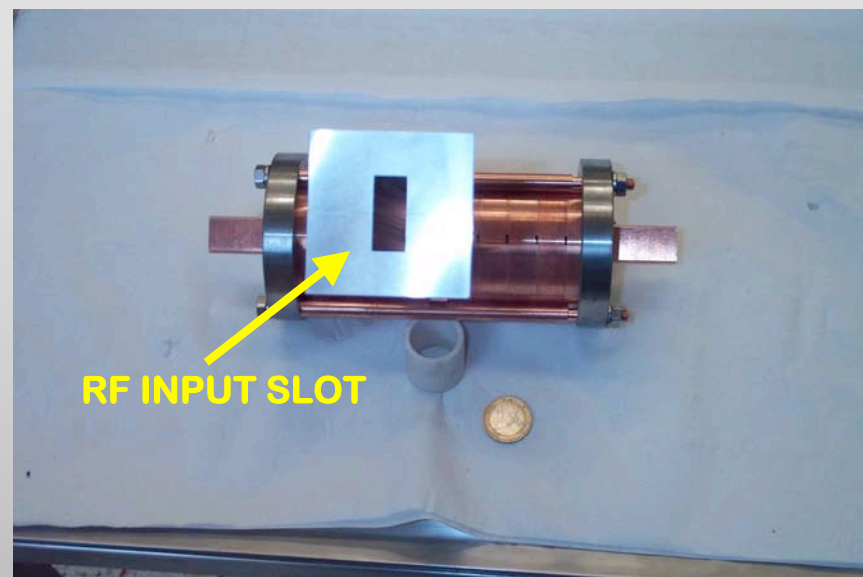
presented by Bruno Spataro
on behalf of the GIAF team

Frascati, May 29, 2007

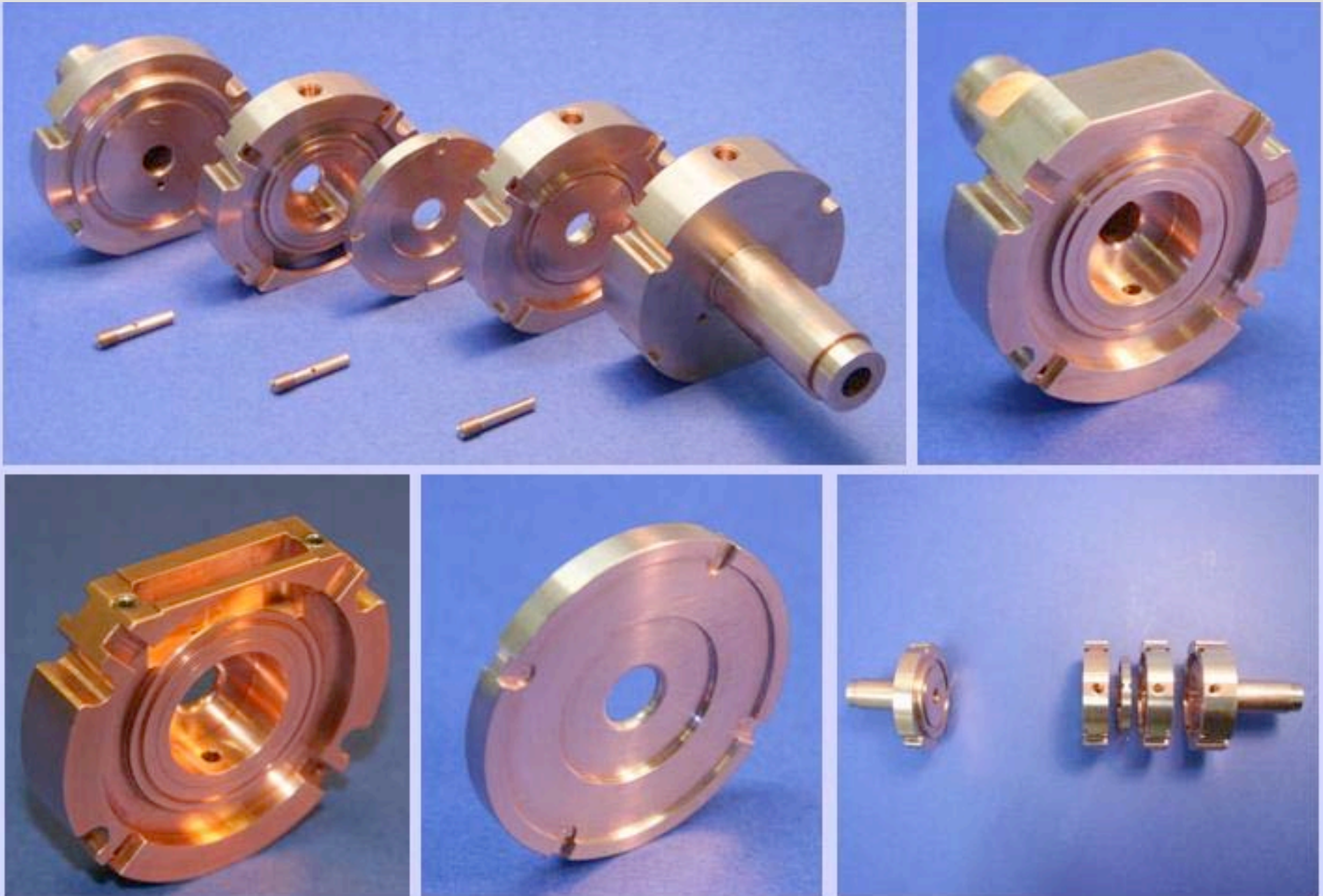
Construction of a π -mode Standing-Wave 11.4 GHz copper model

NIM A 554 (2005)

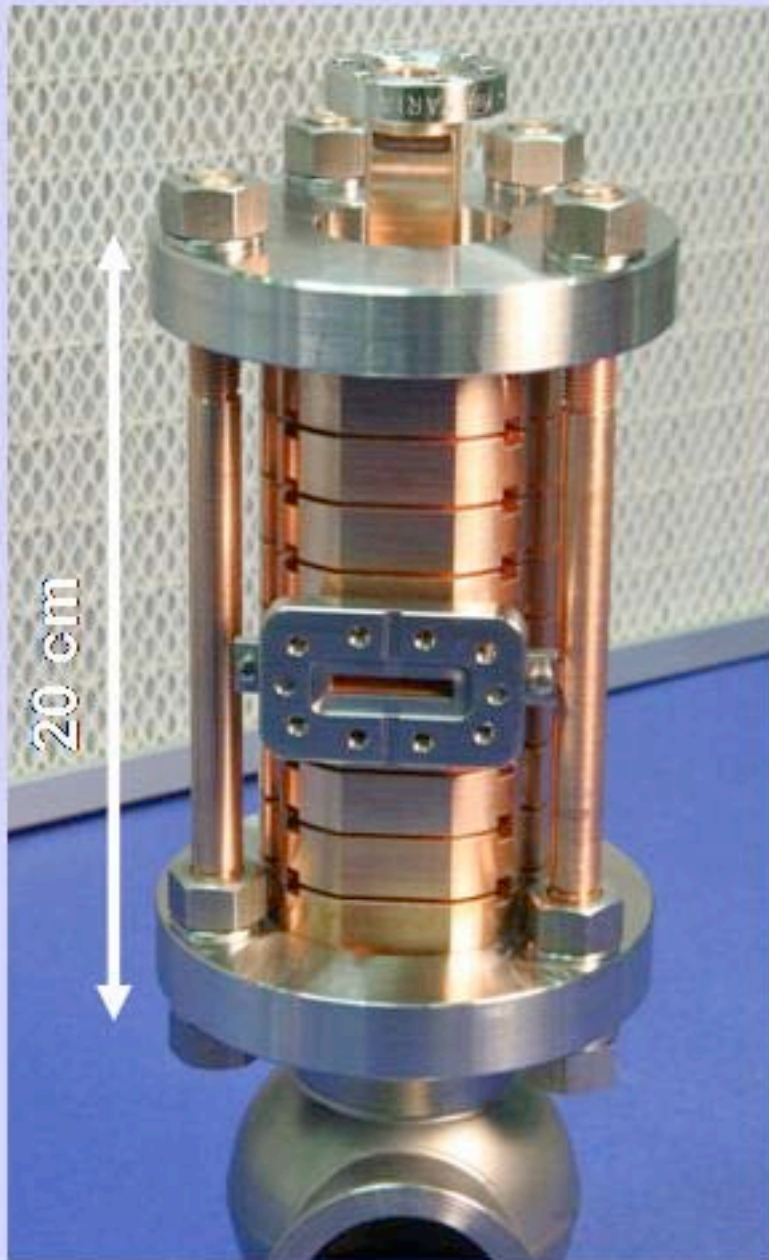
LNF-03-008 (2003)



A $\pi/2$ biperiodic cavity: 17 cells copper prototype

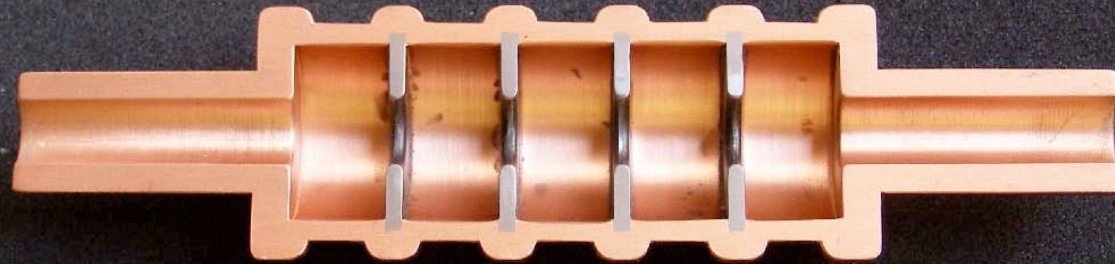


A $\pi/2$ biperiodic cavity: 17 cells copper prototype



... Electroforming R&D and test

Cross section of a Mo-Cu electroformed structure



... Electroforming R&D and test

A Mo-Cu electrode
The connection
based on a
with respect



Detail of Mo-Cu brazing

