

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

HAYSTACK OBSERVATORY

WESTFORD, MASSACHUSETTS 01886

June 4, 2007

Telephone: 781-981-5407  
Fax: 781-981-0590

To: MWA Group  
From: Alan E.E. Rogers  
Subject: Tests of MWA antenna modification

The production prototype of the MWA antenna was modified by removing the sections of aluminum from the bowtie elements as shown in Figure 1. The impedance of an antenna with one polarization modified was measured and the results are shown in Figure 2.

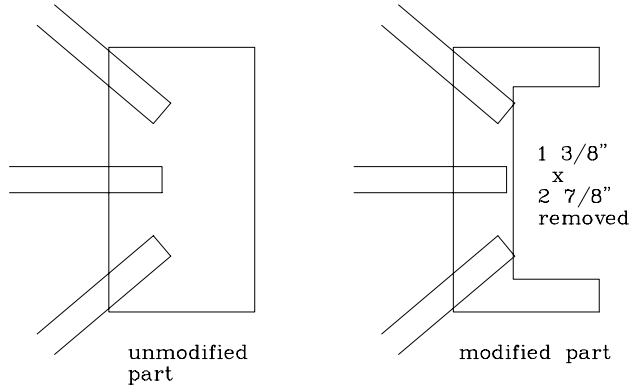


Figure 1. MWA antenna element modification

