## **EDGES Memo#33**

## MASSACHUSETTS INSTITUTE OF TECHNOLOGY HAYSTACK OBSERVATORY

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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.

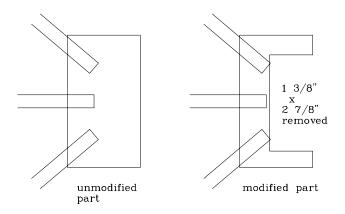


Figure 1. MWA antenna element modification

