

**Subject:** HNRAO Solar Eclipse prep

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I now have a SID station running. I should have some baseline data by eclipse day.

I also did measurements of the JOVE dipoles without the reflective wire and with.

I measured each dipole separately, without and with the reflective wire.

I then measured them as a pair through the power combiner, at the power combiner, without and with the reflective wire.

I did the same at the input to the multi-coupler, without and with the reflective wire.

The addition of the reflective wire is quite obvious as you can see.

The results are in the attached PDF file.

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Hawk's Nest Radio Astronomy Observatory

<http://hnrao.weebly.com/>

Radio Astronomy, "is in effect a wedding ceremony. It weds the science of astronomy and the science of radio and electronic engineering, tying them together by inseparable bonds."

Karl Jansky

— Attachments: —

Results.pdf

371 KB