

## PROPOSAL FOR MWA PUBLICATION

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<b>Publication Title:</b>	Wide-field Effects in Redshifted 21cm Measurements from the MWA
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<b>Anticipated date of draft submission for Collaboration review:</b>	2015/03/31
<b>Intended journal:</b>	ApJ Letters
<b>Paper Summary:</b>	Using MWA data, we confirm the existence of our recently predicted <i>pitchfork</i> -shaped feature in baseline-based delay spectra. The pitchfork is characterized by an enhancement in amplitude near the horizon limits caused by wide-field effects. In our previous paper, we were unable to confirm its existence in MWA data due to thermal noise in the small amount of data analyzed. Here, we improve the sensitivity of our MWA measurements by coherently averaging data from different nights obtained at the same local sidereal times and show that the predictions are confirmed by the MWA data.