

**Engineering Narrative regarding
proximity to AM array / Intermod Study**
WEAT-FM, WHFS, WIRK-FM
December 7, 2011
CBS Radio Stations Inc.

Spurious and Harmonic Measurements:

CBS Radio Stations Inc. (CBS) proposes to add three of its stations, WEAT-FM ch282, WHFS ch292, and WIRK-FM ch300 to a combiner system. Applications for the three stations are being filed simultaneously. Upon completion of construction of the proposed auxiliary transmitter facility, CBS will make harmonic and spurious measurements of the output of the combiner and will supply such measurements to the Commission with the subsequent applications for licenses.

Proximity to AM arrays:

The existing combiner system utilizes an existing antenna mounted on a grounded, non-detuned, tower. There are two AM stations within 3.2 kM of the subject tower.

WBZI(AM) 1230 kHz ND1 0.07 kM

WHTY(AM) 1600 kHz DA2 1.7 kM

Since no changes to the FM antenna, line, or tower structure are being proposed, CBS requests that no requirement be placed on its CP for before and after measurements of the AM patterns.