

# ***Serendipity Ventures II, LLC***

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***Communications Equipment Installation - Site Surveys - Broadcast Support Services***

June 10, 2005

## **ENGINEERING DECLARATION 73.316(c)(vii)**

This is to certify that I, HAROLD S. VOGT, on June 9, 2005, have examined the engineering documentation, antenna manufacturer's documentation for each antenna, surveyor's affidavit and the actual installation of the directional antenna for FM radio station KTOC, JONESBORO, LA, licensed to FAMILY WORSHIP CENTER CHURCH, Inc. under file number BPH-20040209ABI and find that all information is true and correct.

This declaration also certifies that the circular directional antenna, a SWR FM3/6-DA, as described in the reference file number was installed according to manufacturer's specification and that the resulting pattern will be correct to the best of my understanding and belief. The deepest null is located at 050° for a reference level that will not exceed 0.486. Based on a maximum ERP of 25.0 kw, this would result in a minima of 7.712 dbk (6.101kw erp) in that direction.

Signal intensity minimum will be verified on a radial of 035°T which is the bearing towards KAGH-FM (distance of 124.51 km at 035°T). Other measurements will be made in the maximum signal area for reference levels and at selected reference points to determine the validity of the pattern.

## **ANTENNA MOUNTING 73.316(c)(iv)**

The above referenced circular antenna is installed as a side mounted antenna, per manufacturer's specifications for the existing tower dimensions. Orientation for this is 250° True. The latitude and longitude in NAD27 format as well as the True orientation have been verified by the surveyor. The Surveyor's Declaration and plat map are attached.

## **OTHER DIRECTIONAL ANTENNAS 73.316(c)(vi)**

No other antennas, directional or otherwise are mounted at the same tower level as the directional antennas in this application. No guy wires are located in the area of the antennas.