

TECHNICAL EXHIBIT
CONCERNING HUMAN EXPOSURE TO RF ELECTROMAGNETIC ENERGY
PREPARED FOR
STATION WHME-DT
SOUTH BEND, INDIANA
CH 48 640 KW 306 M

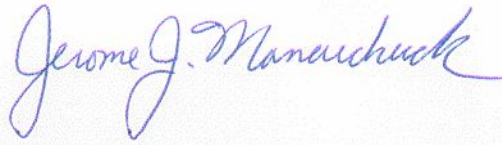
Technical Statement

The proposed facilities were evaluated in terms of potential radio frequency (RF) energy exposure at ground level to workers and the general public. The radiation center for the proposed DTV antenna is located 290.9 meters above ground level. The maximum DTV ERP is 640 kW (horizontal polarization). A conservative vertical plane relative field value of 0.15 was presumed for the antenna's downward radiation (see Figure 2). The calculated power density at a point 2 meters above ground level is 0.0058 mW/cm^2 . This is 1.29% of the FCC's recommended limit of 0.45 mW/cm^2 for channel 48 for an "uncontrolled" environment. Therefore, based on the responsibility threshold of 5%, the proposal will comply with the RF emission rules.

Access to the transmitting site will be restricted and appropriately marked with RFR warning signs. In the event that workers or other authorized personnel enter the restricted area or climb the tower, appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure.

Finally, it is noted that this technical exhibit only addresses the potential for radio frequency electromagnetic field exposure. All other aspects of the

environmental processing analysis will be or already has been provided to the FCC by the tower owner as part of the tower registration process.



Jerome J. Manarchuck

du Treil, Lundin & Rackley, Inc.

201 Fletcher Avenue

Sarasota, Florida 34237-6019

(941) 329-6000

JERRY@DLR.COM

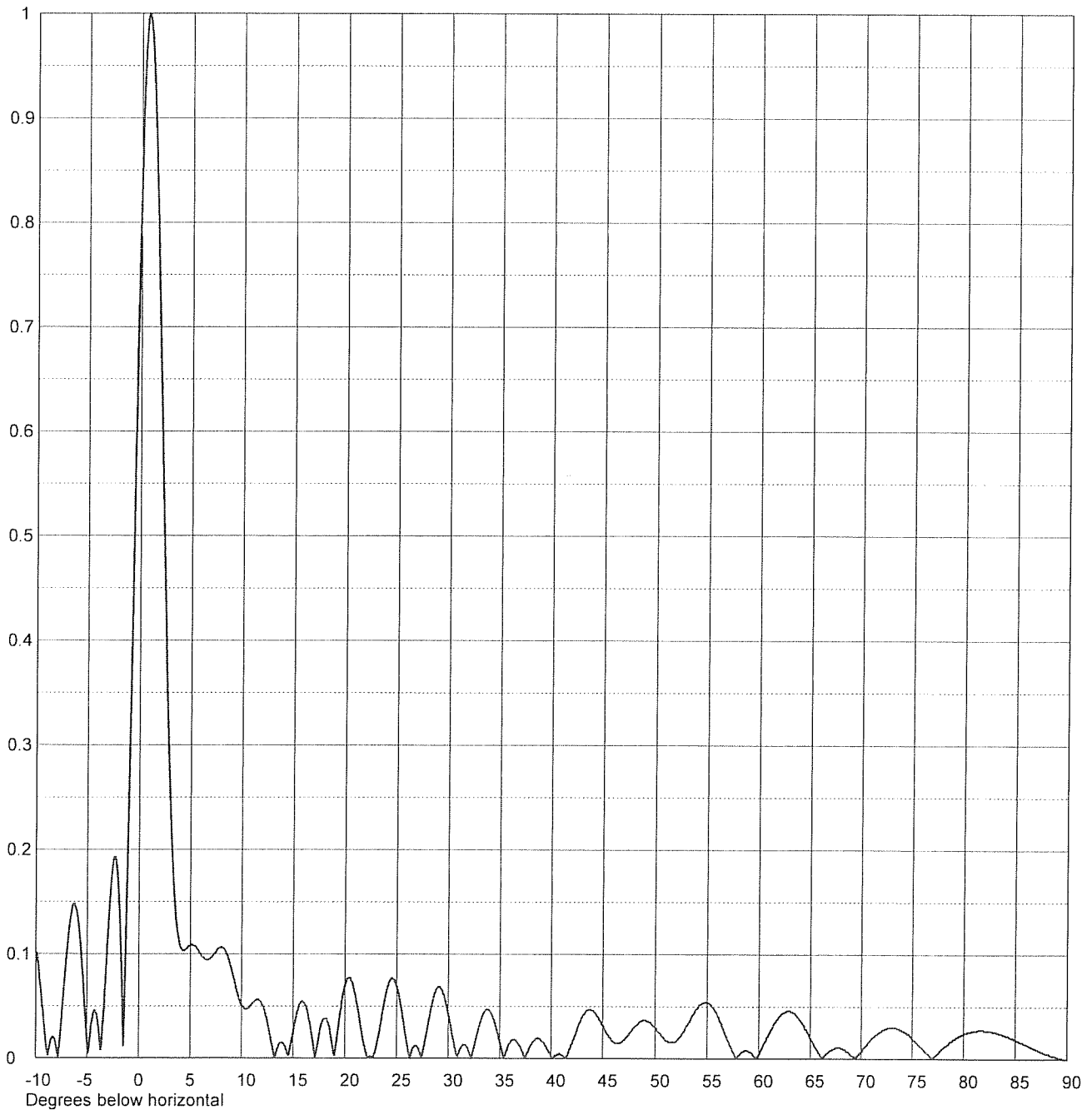
June 16, 2008



Date **16 Jun 2008**
 Call Letters **WHME-DT** Channel **48**
 Location **South Bend, IN**
 Customer
 Antenna Type **TFU-30GTH O4**

ELEVATION PATTERN

RMS Gain at Main Lobe	27.0 (14.31 dB)	Beam Tilt	0.75 Degrees
RMS Gain at Horizontal	18.7 (12.72 dB)	Frequency	677.00 MHz
Calculated / Measured	Calculated	Drawing #	30G270075-90



Remarks: