

TECHNICAL EXHIBIT
CONCERNING HUMAN EXPOSURE TO RF ELECTROMAGNETIC ENERGY
PREPARED FOR
STATION WBPG-DT
GULF SHORES, ALABAMA
CH 25 70 KW (MAX-DA) 291 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 291 meters above ground level. The maximum DTV ERP is 70 kW (horizontal polarization). A “worst-case” vertical plane relative field value of 0.2 (for angles below 60 degrees downward) is assumed for the antenna's downward radiation (see Figure 2 attached). The calculated power density at a point 2 meters above ground level is 0.0011 mW/cm². This is 0.31% of the FCC's recommended limit of 0.36 mW/cm² for channel 25 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. Furthermore, as this is a multi-user site, an agreement will be in effect with the other stations in the event that workers or other authorized personnel enter the restricted area or climb the tower to ensure that 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.



W. Jeffrey Reynolds

du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 34237-6019
(941) 329-6000
JEFF@DLR.COM

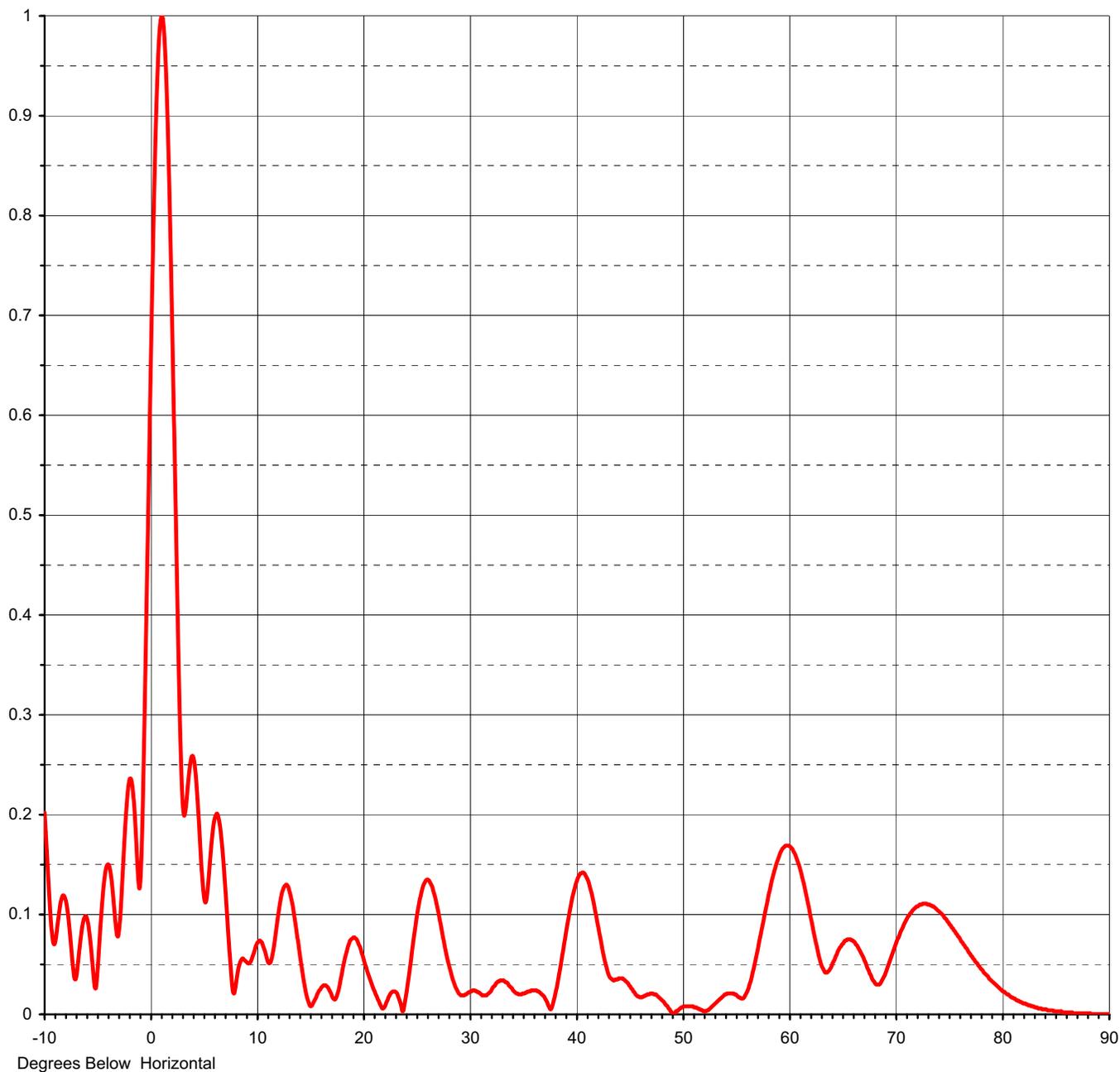
February 12, 2008



Proposal Number	C-01902	Revision:	1
Date			
Call Letters	WBPG-DT	Channel	25
Location	Mobile, AL		
Customer			
Antenna Type	TLP-24S180 SP		

ELEVATION PATTERN

RMS Gain at Main Lobe	23.00 (13.62 dB)	Beam Tilt	1.00 deg
RMS Gain at Horizontal	10.30 (10.13 dB)	Frequency	539.00 MHz
Calculated / Measured	Calculated	Drawing #	24L230100-90



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