

MINOR MODIFICATION OF CONSTRUCTION PERMIT

FILE NUMBER BPH-20040720ADU

FOR

GOLD COAST BROADCASTING, LLC

LICENSEE OF FM STATION

KCAQ, CH 284B, OXNARD, CA

JANUARY 2008

**BY:
BEEM CO.
ARCADIA, CA (626) 446-3468**

ENGINEERING STATEMENT OF JOEL T. SAXBERG

This application for minor modification of Construction Permit, File Number BPH-20040720ADU, was prepared for Gold Coast Broadcasting, LLC, licensee of FM station KCAQ, CH 284B, Oxnard, California by Joel T. Saxberg of Arcadia, California. Gold Coast proposes to relocate the KCAQ transmitting facilities to South Mountain, a communications site near the town of Santa Paula, California.

ALLOCATION STUDY - The proposed site meets the required distance separations called out in CFR §73.207 to all allocations.

ELECTROMAGNETIC FIELD CALCULATIONS - Using OET FM Model program with a Jampro double vee, 3 element, one wavelength spaced FM antenna, the RF level at 2 meters above a flat plane around the tower base are shown to be approximately 0.088 mW/cm². This level is 44% of the maximum permissible level for the general public. On the proposed antenna support structure are several UHF TV transmitting antennas. KBEH, which operates both analog and digital, KJLA and KSKP a low power TV. The full power analog antennas are mounted near the top of the KBEH structure and radiofrequency electromagnetic fields around the tower base are not expected to be in excess of the MPE levels for the general public. Power density measurements around the tower base will be made following the installation of the KCAQ FM system to ensure safety for both workers and the general public.

ENGINEERING CERTIFICATION

JOEL T. SAXBERG deposes and says:

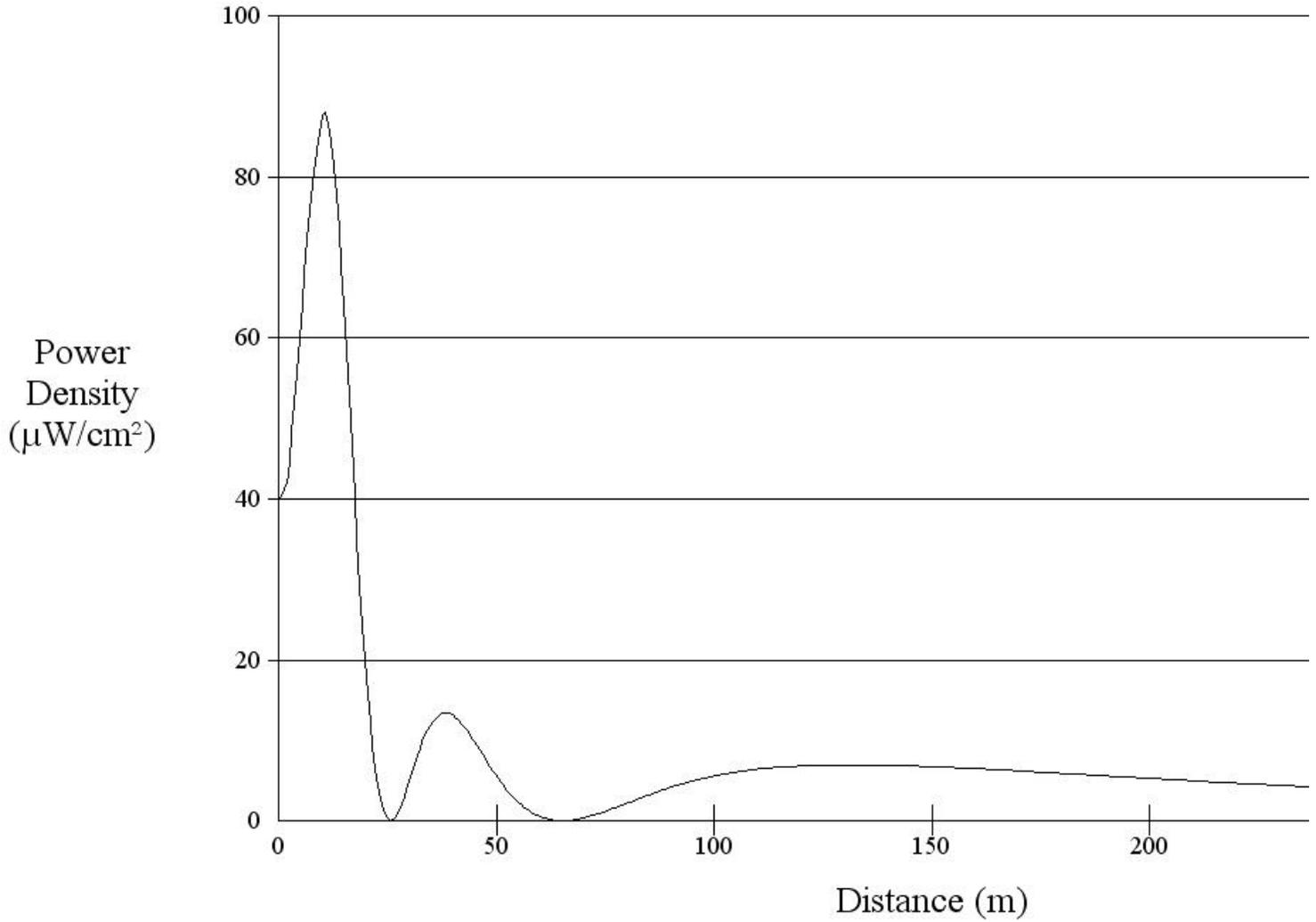
- 1. That he is President of Broadcast Engineering and Equipment Maintenance Company, "BEEM CO.", radio engineering consultants. BEEM CO. maintains offices at: 2322 S. Second Avenue, Arcadia, CA 91006. Telephone (626) 446-3468**
- 2. That he was graduated from California State University at Los Angeles, February 1966, with a Bachelor of Science degree in Electronic Engineering. He received a MS degree in Electronic Engineering Technology in August 1996.**
- 3. That he has submitted many applications to the Federal Communications Commission for broadcast and auxiliary broadcast construction permits and licenses.**
- 4. That his experience in broadcast engineering is a matter of record and he has spent over forty years working in the field of radio engineering.**
- 5. That the attached report was prepared by him or under his direction and supervision. That he believes the facts stated therein to be both true and accurate. Statements that are based on information supplied by others are also believed to be true and accurate.**
- 6. That he has performed field work on AM and FM broadcast transmitting systems throughout this country and continues to provide technical consulting services on a daily basis to broadcasters.**
- 7. That he declares under penalty of perjury the foregoing is true and correct.**

Executed on January 15,
2008



Joel T. Saxberg

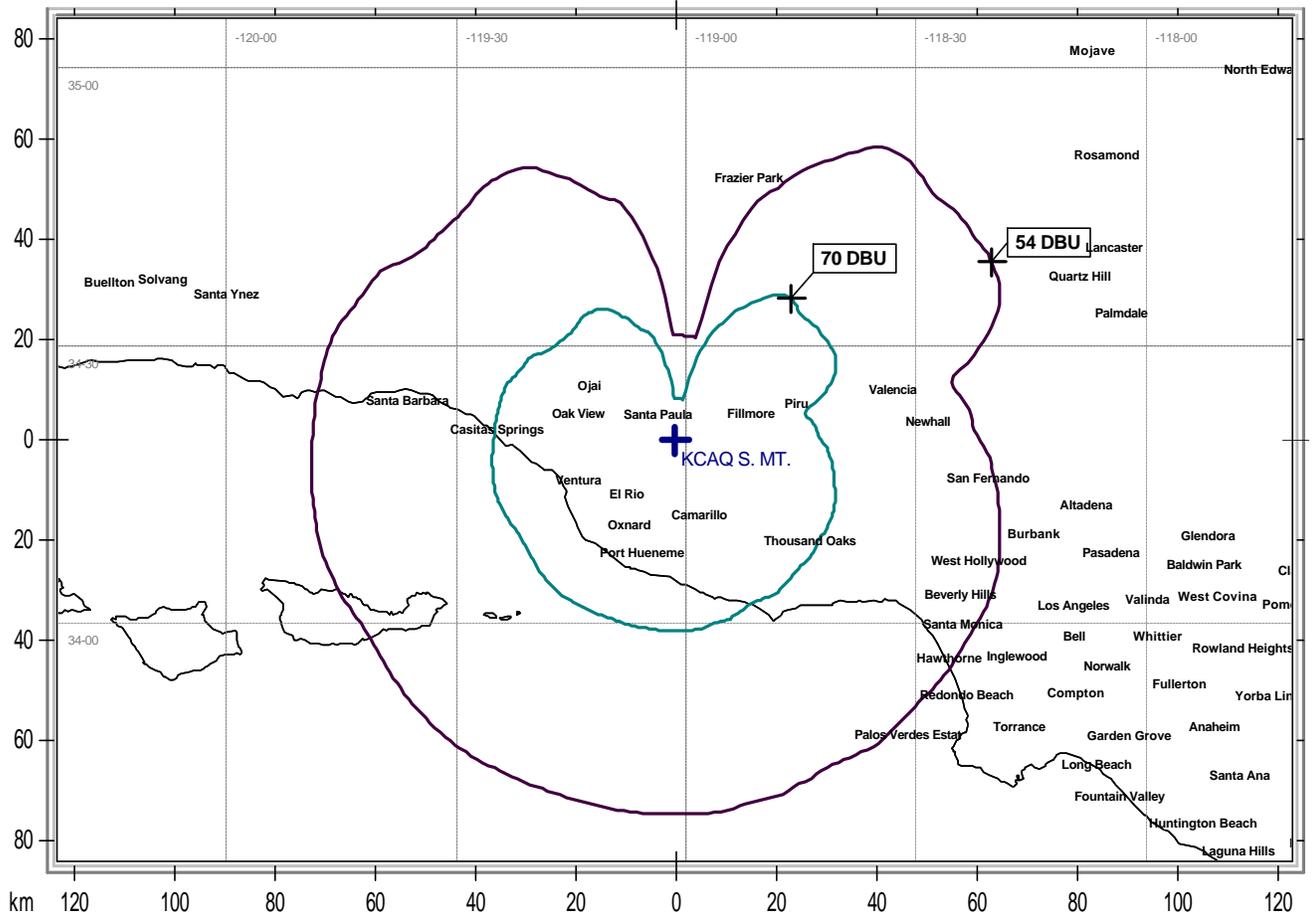
Power Density vs Distance



Office of Engineering and Technology

Distance (m):	<input type="text" value="300"/>	Antenna Type:	<input type="text" value="Jampro 'Double V' (EPA)"/>
Horizontal ERP (W):	<input type="text" value="4490"/>	Number of Elements:	<input type="text" value="3"/>
Vertical ERP (W):	<input type="text" value="4490"/>	Element Spacing:	<input type="text" value="1"/>
Antenna Height (m):	<input type="text" value="25"/>		

GOLD COAST BROADCASTING, LLC



MAP SCALE: 1:1,500,000

State Borders Lat/Lon Grid