APPLICATION FOR MINOR MODIFICATION

OF

KFYV, 288A, OJAI, CA

FOR

GOLD COAST BROADCASTING, INC.

MARCH. 2010

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

ENGINEERING STATEMENT OF JOEL T. SAXBERG

This application for minor modification of FM station KFYV, Ch 288A, Ojai, California was prepared for Gold Coast Broadcasting, Inc. by Joel T. Saxberg of Arcadia, CA.

Gold Coast proposes to relocate the transmitting facilities of KFYV approximately 1.2 km East of its presently licensed location. The ERP would be increased and the antenna center of radiation AMSL would be lower than the licensed site.

ALLOCATION STUDY - An allocation study was run for the proposed transmitter location. It shows that the proposed location meets all the spacing requirements of §73.207. No waivers are requested.

RADIOFREQUENCY ELECTROMAGNETIC FIELDS - Using the FCC OET FM Model, a two element one-half wavelength spaced rototiller style antenna with a center of radiation of 15m, the power density over a flat plane two meters above the tower base is found to be 23 uW/cm^2. This peak power density falls at a distance of approximately 26m out from the tower. This value is 11.5% of the maximum permitted exposure level for the general public. When necessary for tower workers to go aloft, Gold Coast will reduce power or terminate transmissions to keep personnel from RF fields in excess of FCC guideline levels.

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.

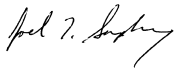
3. That he has submitted many applications to the Federal Communications Commission for broadcast and auxiliary broadcast construction permits and licenses.

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.

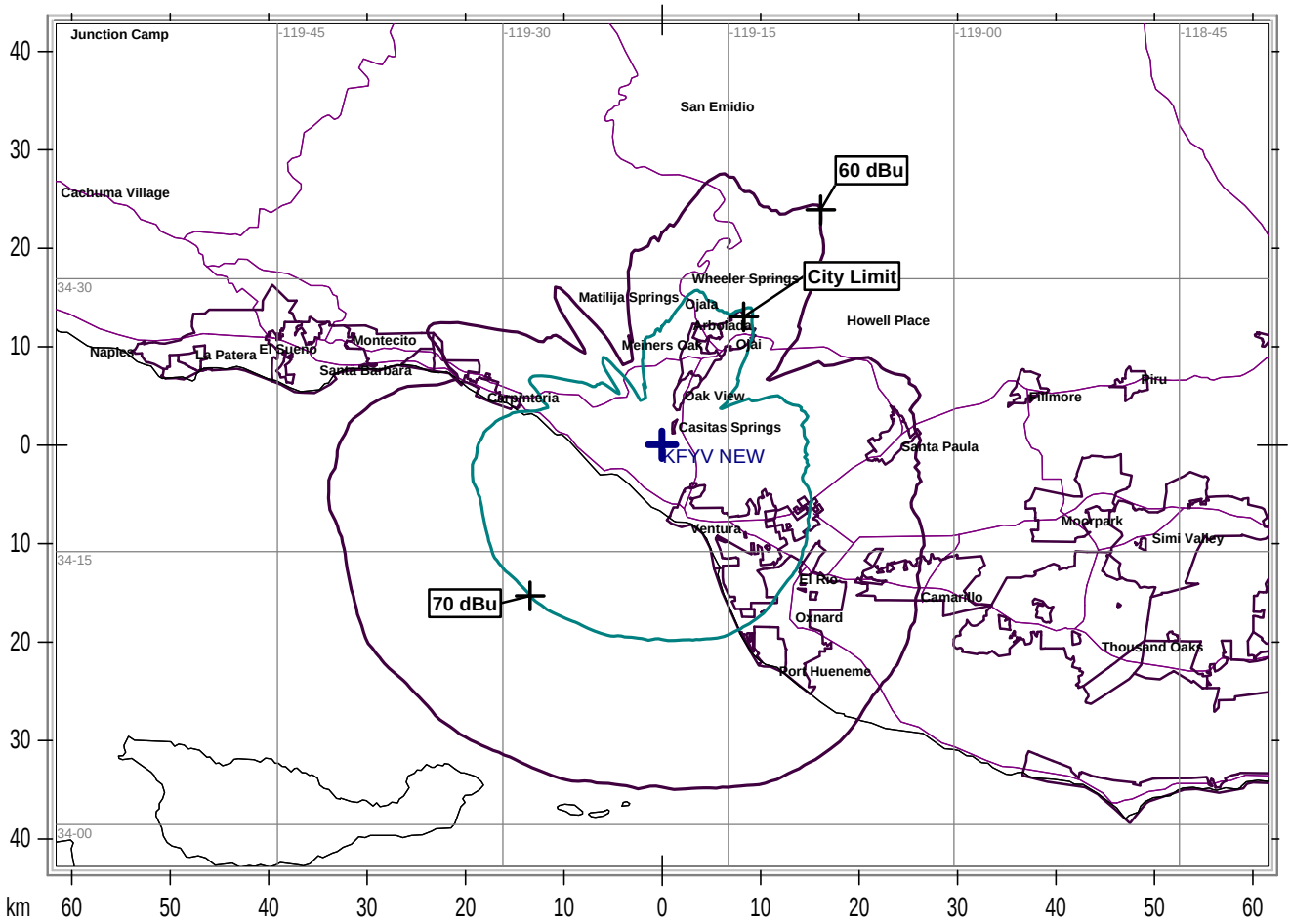
6. That he has performed field work on AM and FM broadcast transmitting systems throughout this country and continues to provide technical consulting services on a daily basis to broadcasters.

7. That he declares under penalty of perjury the foregoing is true and correct.

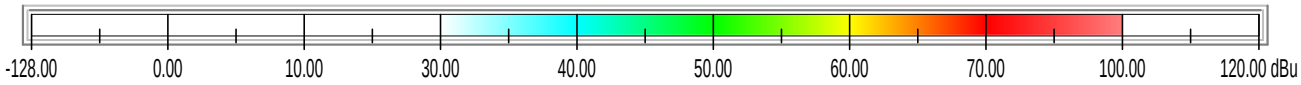
Executed on Mar. 1 ,2010 

Joel T. Saxberg

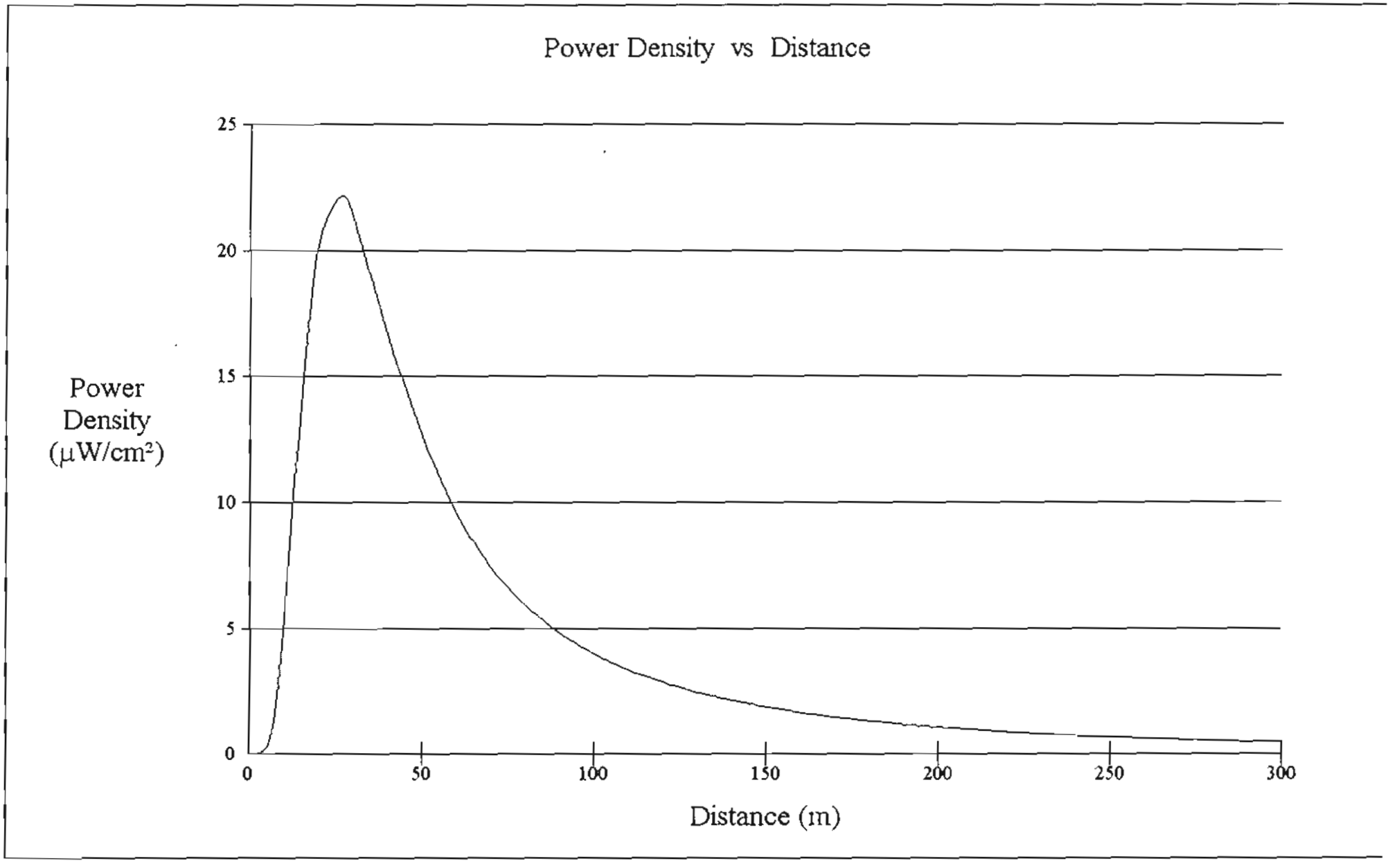
COR 15 M AGL, 2 BAY 1/2 WAVELENGTH SPACED ANTENNA



GOLD COAST BROADCASTING



State Borders City Borders Highways Lat/Lon Grid



Office of Engineering and Technology

Distance (m):	300	Antenna Type:	ERI or JAMPRO JBCP "Rototiller" (EPA)
Horizontal ERP (W):	630	Number of Elements:	2
Vertical ERP (W):	630		
Antenna Height (m):	15	Element Spacing:	.5