

Federal Communications Commission Washington, D.C. 20554 <p style="text-align: center;">FCC 302-FM</p>	Approved by OMB 3060-0506 (June 2002) FOR FCC USE ONLY
<p>APPLICATION FOR FM BROADCAST STATION LICENSE</p> <p>Read INSTRUCTIONS Before Filling Out Form</p>	FOR COMMISSION USE ONLY FILE NO. BXLED - 20081113AET

Section I - General Information

1.	Legal Name of the Applicant PASADENA AREA COMMUNITY COLLEGE DISTRICT		
	Mailing Address 1570 E. COLORADO BLVD.		
	City PASADENA	State or Country (if foreign address) CA	ZIP Code 91106 -
	Telephone Number (include area code) 6265857201	E-Mail Address (if available) FCCFILING@MPR.ORG	
	FCC Registration Number: 0005085204	Call Sign KPCC	Facility Identifier 51701
2.	Contact Representative (if other than Applicant) JOHN CRIGLER		Firm or Company Name GARVEY SCHUBERT & BARER
	Telephone Number (include area code) 2022982521	E-Mail Address (if available) JCRIGLER@GSBLAW.COM	
3.	If this application has been submitted without a fee, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114): <input type="radio"/> Governmental Entity <input checked="" type="radio"/> Noncommercial Educational Licensee/Permittee <input type="radio"/> Other <input type="radio"/> N/A (Fee Required)		
4.	Facility Information:		
	a. <input type="radio"/> Commercial	<input checked="" type="radio"/> Noncommercial	
	b. <input type="radio"/> Directional	<input checked="" type="radio"/> Nondirectional	
	c. Community of License:		
	City: PASADENA	State: CA	
5.	Program Test Authority:		
	<input checked="" type="radio"/> Requesting program test authority.		
	<input type="radio"/> Station operating pursuant to automatic program test authority (47 C.F.R. Section 73.1620(a)(1)).		
6.	Purpose of Application:		
	<input type="radio"/> Cover construction permit (list most recent construction permit file number -- starts with the prefix BPH, BNPH, BMPH, BPED, BMPED, or BMPED):	BXPED-20080923ABK	
	<input type="radio"/> Modify an authorized license (list license file number -- starts with the prefix BLH, BMLH, BLED, or BMLD):	-	
	<input checked="" type="radio"/> Amend a pending application If an amendment, submit as an Exhibit a listing by Section and Question Number the portions of the pending application that are being revised.		[Exhibit 1]

NOTE: In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.

Section II - Legal and Financial

1.	Certification. Applicant certifies that it has answered each question in this application based on its review of the application instructions and worksheets. Applicant further certifies that where it has made an affirmative certification below, this certification constitutes its representation that the application satisfies each of the pertinent standards and criteria set forth in the application instructions and worksheets.	<input checked="" type="radio"/> Yes <input type="radio"/> No
2.	Licensee/Permittee certifies that all terms, conditions, and obligations set forth in the underlying construction permit have been fully met.	<input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 2]
3.	Licensee/Permittee certifies that, apart from changes already reported, no cause or circumstance has arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect.	<input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 3]
4.	Character Issues. Applicant certifies that neither licensee/permittee nor any party to the application has or has had any interest in, or connection with: a. any broadcast application in any proceeding where character issues were left unresolved or were resolved adversely against the applicant or party to the application; or b. any pending broadcast application in which character issues have been raised.	<input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 4]
5.	Adverse Findings. Applicant certifies that, with respect to the applicant and any party to the application, no adverse finding has been made, nor has an adverse final action been taken related to the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination.	<input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 5]
6.	Anti-Drug Abuse Act Certification. Applicant certifies that neither licensee/permittee nor any party to the application is subject to denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862.	<input checked="" type="radio"/> Yes <input type="radio"/> No

I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge that all certifications and attached Exhibits are considered material representations. I hereby waive any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and request an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

Typed or Printed Name of Person Signing DR. PAULETTE PERFUMO	Typed or Printed Title of Person Signing PRESIDENT
Signature	Date 11/21/2008

SECTION III - PREPARER'S CERTIFICATION

I certify that I have prepared Section III (Engineering data) on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

Name LANCE HARPER	Relationship to Applicant (e.g., Consulting Engineer) CHIEF ENGINEER	
Signature	Date 11/21/2008	
Mailing Address 1570 E. COLORADO BLVD.		
City PASADENA	State or Country (if foreign address) CA	Zip Code 91106 - 2003
Telephone Number (include area code) 6265857921	E-Mail Address (if available) LHARPER@KPCC.ORG	

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE

(U.S. CODE, TITLE 47, SECTION 503).

Section III - Engineering			
TECHNICAL SPECIFICATIONS			
Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.			
TECH BOX			
1.	Channel: 207		
2.	a. Effective Radiated Power:	0.6 kW(H) 0.6 kW(V)	
	b. Maximum Effective Radiated Power:	kW(H) kW(V)	
	(Beam-Tilt Antenna ONLY) <input type="checkbox"/> Not Applicable		
3.	Transmitter Power Output: 0.634 kW		
4.	Antenna Data		
	Manufacturer	Model	Number of Sections
	JP	JSCP-2	2
			Spacing Between Sections (wavelength)
			1
NOTE: In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.			
CERTIFICATION			
All applicants must complete this section.			
5.	Main Studio Location. The main studio location complies with 47 C.F.R. Section 73.1125.	<input checked="" type="radio"/> Yes <input type="radio"/> No	
		See Explanation in [Exhibit 6]	
6.	Transmitter Power Output. The operating transmitter power output produces the authorized effective radiated power.	<input checked="" type="radio"/> Yes <input type="radio"/> No	
		See Explanation in [Exhibit 7]	
APPLICATIONS FILED TO COVER A CONSTRUCTION PERMIT.			
Only applicants filing this application to cover a construction permit must complete the following section.			
NOTE: In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.			
7.	Constructed Facility . The facility was constructed as authorized in the underlying construction permit or complies with 47 C.F.R. Section 73.1690.	<input checked="" type="radio"/> Yes <input type="radio"/> No	
		See Explanation in [Exhibit 8]	
8.	Special Operating Conditions. The facility was constructed in compliance with all special operating conditions, terms, and obligations described in the construction permit.	<input checked="" type="radio"/> Yes <input type="radio"/> No	
		See Explanation in [Exhibit 9]	
	An exhibit may be required. Review the underlying construction permit.	[Exhibit 10]	
APPLICATIONS FILED PURSUANT TO 47 C.F.R. SECTIONS 73.1675(c) or 73.1690(c).			
Only applicants filing this application pursuant to 47 C.F.R. Sections 73.1675(c) or 73.1690(c) must complete the following section.			
9.	Changing transmitter power output. Is this application being filed to authorize a change in	<input checked="" type="radio"/> Yes <input type="radio"/> No	

	<p>transmitter power output caused by the replacement of omnidirectional antenna with another omnidirectional antenna or an alteration of the transmission line system? See 47 C.F.R. Sections 73.1690(c)(1) and (c)(10).</p>	
10.	<p>Increasing effective radiated power. Is this application being filed to authorize an increase in ERP for a station operating in the nonreserved band (Channels 221-300)? See 47 C.F.R. Sections 73.1690(c)(4), (c)(5) and (c)(7).</p> <p>If "Yes" to the above, the applicant certifies the following:</p>	<p><input type="radio"/> Yes <input checked="" type="radio"/> No</p>
	<p>a. Spacing Requirements. The increase in ERP was authorized pursuant to MM Docket 88-375 (Class A stations) OR the facility complies with the spacing requirements of 47 C.F.R. Section 73.207.</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p> <p>See Explanation in [Exhibit 11]</p>
	<p>b. International Coordination. The transmitter site is greater than 320 km from the Canadian or Mexican borders OR coordination for the station's international class is complete.</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p> <p>See Explanation in [Exhibit 12]</p>
	<p>c. Interference. The requirements of 47 C.F.R. Section 73.1030 regarding notification to radio astronomy installations, radio receiving installations and FCC monitoring stations have either been satisfied OR are not applicable.</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p> <p>See Explanation in [Exhibit 13]</p>
	<p>Exhibit required. If the proposed facility must be notified to the entities set forth in 47 C.F.R. Section 73.1030, the applicant must provide a copy of the written approval for the ERP increase from the affected entity.</p>	<p>[Exhibit 14]</p>
	<p>d. Multiple Ownership Showing. The increase in ERP will not require the consideration of a multiple ownership showing pursuant to 47 C.F.R. Section 73.3555.</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p> <p>See Explanation in [Exhibit 15]</p>
	<p>e. Environmental Protection Act. The proposed facility is excluded from environmental processing under 47 C.F.R. Section 1.1306 (i.e., the facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the applicant can determine compliance through the use of the RF worksheets in Appendix A, an Exhibit is required.</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p> <p>See Explanation in [Exhibit 16]</p>
	<p>By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.</p>	
11.	<p>Increasing vertically polarized effective radiated power. Is this application being filed pursuant to 47 C.F.R. Section 73.1690(c)(4) to authorize an increase in the vertically polarized ERP for a station operating in the reserved band (Channels 200-220)?</p> <p>If "Yes" to the above, the applicant certifies the following:</p>	<p><input type="radio"/> Yes <input checked="" type="radio"/> No</p>
	<p>a. TV Channel 6 Protection Requirements. The facility complies with the spacing requirements of 47 C.F.R. Section 73.525(a)(1).</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p> <p>See Explanation in [Exhibit 17]</p>
	<p>b. Environmental Protection Act. The proposed facility is excluded from environmental processing under 47 C.F.R. Section 1.1306 (i.e., the facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the applicant can determine compliance through the use of the RF worksheets in Appendix A, an Exhibit is required.</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p> <p>See Explanation in [Exhibit 18]</p>

	By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.	
12.	Decreasing effective radiated power (non-reserved channel). Is this application being filed pursuant to 47 C.F.R. Section 73.1690(c)(8) to authorize a decrease in the ERP for a station operating in the nonreserved band (Channels 221-300)?	<input type="radio"/> Yes <input checked="" type="radio"/> No
	If "Yes" to the above, the applicant certifies the following:	
	a. Community Coverage . The proposed facility complies with the community coverage requirements of 47 C.F.R. Section 73.315 where the distance to the 3.16 mV/m contour is predicted using the standard prediction method in 47 C.F.R. Section 73.313.	<input type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 19]
	b. Auxiliary Facilities. The authorized or pending auxiliary facilities for this station comply with 47 C.F.R. Section 73.1675(a).	<input type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 20]
	c. Multiple Ownership Showing. The decrease in ERP is not requested or required to establish compliance with 47 C.F.R. Section 73.3555.	<input type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 21]
13.	Decreasing effective radiated power (reserved channel). Is this application being filed pursuant to 47 C.F.R. Section 73.1690(c)(8) to authorize a decrease in the ERP for a station operating in the reserved band (Channels 200-220)?	<input type="radio"/> Yes <input checked="" type="radio"/> No
	If "Yes" to the above, the applicant certifies the following:	
	a. Community Coverage . The proposed facility complies with the community coverage requirements of 47 C.F.R. Section 73.1690(c)(8)(i) where the distance to the 1 mV/m contour is predicted using the standard prediction method in 47 C.F.R. Section 73.313.	<input type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 22]
	b. Auxiliary Facilities. The authorized or pending auxiliary facilities for this station comply with 47 C.F.R. Section 73.1675(a).	<input type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 23]
14.	Replacing a directional antenna. Is this application being filed pursuant to 47 C.F.R. Section 73.1690(c)(2) to replace a directional antenna with another directional antenna?	<input type="radio"/> Yes <input checked="" type="radio"/> No
	If "Yes" to the above, the applicant certifies the following:	
	a. Measurement of Directional Antenna. The composite measured pattern and measurement procedures comply with 47 C.F.R. Section 73.1690(c)(2). Exhibit required.	<input type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 24] [Exhibit 25]
	b. Installation of Directional Antenna. The installation of the directional antenna complies with 47 C.F.R. Section 73.1690(c)(2). Exhibit required.	<input type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 26] [Exhibit 27]
15.	Deleting contour protection status. Is this application being filed pursuant to 47 C.F.R. Section 73.1690(c)(6) to delete contour protection status (47 C.F.R. Section 73.215) for a station operating in the nonreserved band (Channels 221-300)?	<input type="radio"/> Yes <input checked="" type="radio"/> No
	If "Yes" to the above, the applicant certifies that the facility complies with the spacing	<input type="radio"/> Yes <input type="radio"/> No

	requirements of 47 C.F.R. Section 73.207.	See Explanation in [Exhibit 28]
16.	<p>Use a formerly licensed main facility as an auxiliary facility. Is this application being filed pursuant to 47 C.F.R. Section 73.1675(c)(1) to request authorization to use a formerly licensed main facility as an auxiliary facility and/or change the ERP of the proposed auxiliary facility?</p> <p>If "Yes" to the above, the applicant certifies the following:</p>	<input type="radio"/> Yes <input checked="" type="radio"/> No
	a. Auxiliary antenna service area. The proposed auxiliary facility complies with 47 C.F.R. Section 73.1675(a).	<input type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 29]
	b. Environmental Protection Act. The proposed facility is excluded from environmental processing under 47 C.F.R. Section 1.1 306 (i.e., the facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the applicant can determine compliance through the use of the RF worksheets in Appendix A, an Exhibit is required.	<input type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 30]
	By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.	
17.	<p>Change the license status. Is this application being filed pursuant to 47 C.F.R. Section 73.1690(c)(9) to change the license status from commercial to noncommercial or from noncommercial to commercial?</p>	<input type="radio"/> Yes <input checked="" type="radio"/> No
	If "Yes" to the above, submit an exhibit providing full particulars. For applications changing license status from commercial to noncommercial, include Section II of FCC Form 340 as an exhibit to this application.	[Exhibit 31]
<p>PREPARERS CERIFICATION ON PAGE 3 MUST BE COMPLETED AND SIGNED.</p>		

Exhibits

Exhibit 1

Description: EXH 1 / KPCC AUXILIARY ANTENNA

THIS AMENDMENT IS FILED TO CORRECT THE FIGURES IN THE RESPONSES TO SEC. III, ITEM 2(A) AND ITEM 3.

Attachment 1

Exhibit 7

Description: AUX ANTENNA AT EXSISTING MAIN TRANSMITTER SITE

JAMPRO JSCP-2 GAIN IS .997
 TRANSMISION LINE LENGTH IS 18.28 METERS
 TRANSMISION LOSS IS 1.164DB PER 100 METTERS
 TRANSMISION LINE EFFICIENCY IS 95%
 THE REQUIRED TRANSMITTER ANALOG POWER IS .634 KW

Attachment 7

Exhibit 10

Description: EXH. 10 / RF REPORT

THIS EXHIBIT CONSISTS OF A REPORT ON RF FIELD MEASUREMENTS FOR THE ANTENNA SITE IN ACCORDANCE WITH SPECIAL OPERATING CONDITION #2 OF THE CONSTRUCTION PERMIT.

Attachment 10

Description
Exh. 10 / RF Field Measurements

**RADIOFREQUENCY ELECTROMAGNETIC FIELD
MEASUREMENTS FOR KPCC, PASADENA, CA
MT. WILSON TRANSMITTER SITE**

OCTOBER 2008

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

ENGINEERING STATEMENT OF JOEL T. SAXBERG

On October 28, 2008, radiofrequency electromagnetic field measurements were conducted around the base of KPCC's main and auxiliary FM antennas. The main and auxiliary antennas are mounted on two different towers, one west of the Allcomm building and one east of the Allcomm building.

MATHEMATICAL CALCULATIONS - Before taking readings, a study was made for the auxiliary antenna using equations found in OET-65, the antenna manufacturers vertical plane relative field and the data found in the FCC FM database. Power density was calculated on a flat plane two meters above ground level. The auxiliary antenna contributes a little over 5% of the maximum permissible exposure level for the general public from 12 to 16 meters distance. A summary of the calculations is as follows:

<u>Dist.</u>	<u>S Dist.</u>	<u>Rel Field</u>	<u>S</u>
<u>m</u>	<u>m</u>		<u>mW/cm²</u>
0	22	0.1	0.0008
2	22.1	0.14	0.0016
4	22.4	0.18	0.0026
6	22.8	0.249	0.0048
8	23.4	0.314	0.0072
10	24.2	0.356	0.0067
12	25.1	0.397	0.0101
14	26.1	0.426	0.0107
16	27.2	0.446	0.0108
18	28.4	0.444	0.0098
20	29.7	0.429	0.0083
22	31.1	0.394	0.0054
24	32.6	0.363	0.0050
26	34.1	0.308	0.0033
28	35.6	0.259	0.0021
30	37.2	0.207	0.0012
32	38.8	0.176	0.0008

RF Survey – A ten-foot by ten-foot grid was established using spray chalk on the road in front of and to the east side of the KPCC tower property. This was on Video Road to the south and on Weathervane Drive to the east. A Narda Model 8718-10 radiation survey meter and an 8742

shaped E field probe were used to take power density measurements. A Nardalert XT personal monitor was also used which was purchased new in November 2004. The manufacturer, L3 Communications calibrated these instruments. Calibration was completed on the following dates:

8718-10, s/n 01559, calibrated 8/2006

8732, s/n 06012, calibrated 8/2006

8742, s/n 03004, calibrated 8/2006

Method of Measurement – The survey meter was set to read spatial average values. The survey meter was connected to a shaped E-Field probe. This probe is set to read percent of standard for “controlled environments”, which is the occupational standard. General Public maximum permissible values in the FM and TV broadcast frequencies are 20% of standard. There are both FM and TV facilities at the KPCC transmitter site. The towers are fenced and are entered through a locked gate. Access to the fenced area is for authorized personnel only. The general public may access areas outside the fence and a paved road runs directly in front of the KPCC transmitter building. Spatial average measurements were taken outside the fence around the site at the marked grid locations. The spatial average reading for each marked location was called out and the value was recorded. A set of readings was taken using the KPCC main antenna. A second set of readings was taken using the KPCC auxiliary antenna. A tabulation of the readings follows:

Loc.	Main	Aux.	Loc.	Main.	Aux.	Loc.	Main.	Aux.
A1	4.95	6.206	B1	7.425	9.525	C1	7.725	10.18
A2	7.537	9.15	B2	8.268	11.98	C2	7.20	9.618
A3	5.906	9.562	B3	8.812	13.29	C3	5.962	8.662
A4	5.043	8.118	B4	6.225	10.76	C4	5.325	7.687
A5	5.456	8.062	B5	6.750	11.81	C5	6.506	8.756
A6	6.487	9.225	B6	7.556	11.32	C6	8.606	11.64

A7	5.437	8.362	B7	7.20	10.74	C7	8.587	9.562
A8	5.175	5.343	B8	8.418	9.112	C8	6.693	8.025
A9	6.168	6.243	B9	5.793	6.975	C9	6.881	8.868
A10	5.381	8.643	B10	6.506	9.90	C10	6.506	9.675
A11	6.187	7.837	B11	6.787	9.168	C11	8.343	11.34
A12	8.868	12.33	B12	9.750	15.58	C12	10.93	15.61
A13	11.94	13.08	B13	12.43	12.67	C13	12.61	14.30
A14	6.75	10.42	B14	12.78	10.72	C14	11.34	11.3
A15	8.868	10.31	B15	10.83	10.12	C15	11.10	12.61
A16	8.081	8.325	B16	11.56	10.96	C16	11.06	11.23
A17	4.256	4.425	B17	7.987	8.306	C17	12.16	10.10
D1	6.843	6.356	E1	7.106	7.537			
D2	7.425	7.368	E2	7.687	7.631			
D3	6.468	6.318	E3	7.687	6.918			
D4	6.862	8.250	E4	12.63	13.23			
D5	8.137	9.337	E5	10.36	9.112			
D6	6.956	6.581	E6	11.34	11.26			
D7	9.206	8.700	E7	9.468	8.193			
D8	7.931	6.843	E8	9.806	6.918			
D9	8.081	6.975	E9	10.68	8.306			

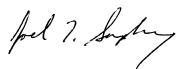
The highest spatial average reading occurred at point C12 using the auxiliary antenna. The reading was 15.61% of the controlled limit or 78% of the uncontrolled (general population limit). No locations outside the fence and in the immediate vicinity of the KPCC site exceeded the MPE level for the general public. There were no “hot spots” or abnormally high readings. Assisting in the site survey was Mr. David Anderson who recorded the readings as they were called out.

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 Oct 30, 2008



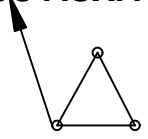
Joel T. Saxberg



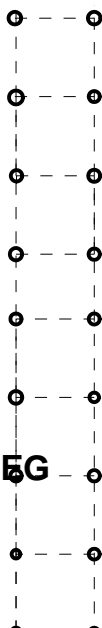
CONTROLLED AREA

CONTROLLED AREA

KPCC AUX. ANT. LEG

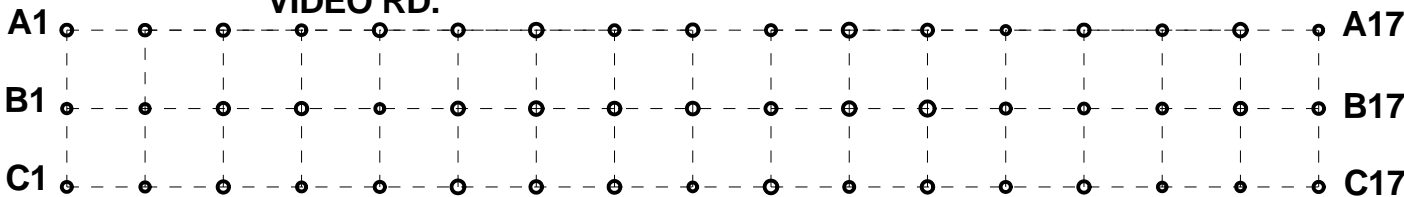


D9 E9



D1 E1

VIDEO RD.



KPCC MEASUREMENT GRID 10' X 10'

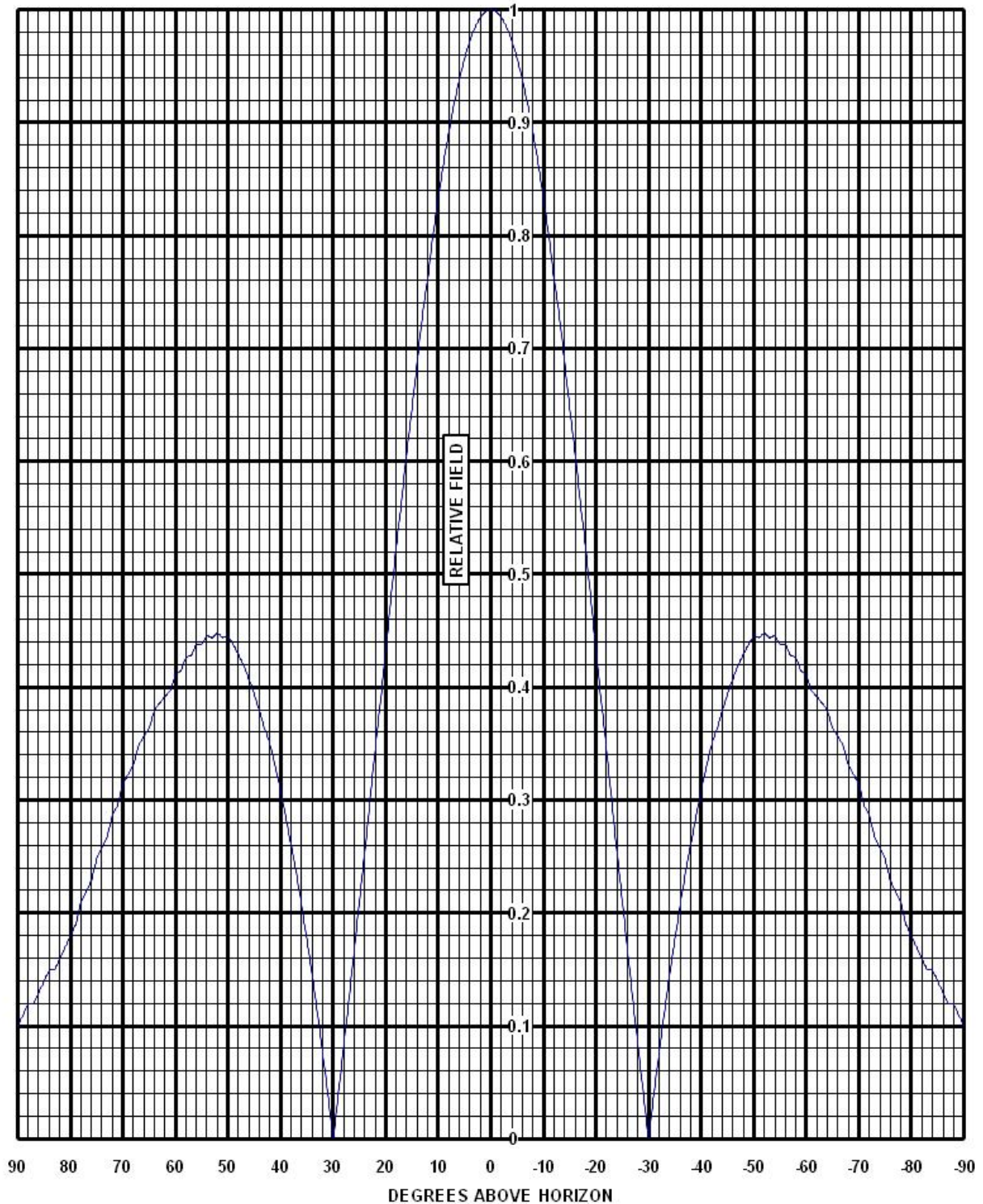
DRAWN Name			
CHECKED Name			
ENGINEER Name			
APPROVED Name		SIZE A	DWG NUMBER 0000-0000
SCALE 1 : 300		REV -	SHEET 1 OF 1



6340 Sky Creek Drive
Sacramento, California 95828 USA

Telephone (916) 383-1177
Fax (916) 383-1182

COMPUTED ELEVATION PATTERN



Customer: KPCC-FM
Frequency: 89.3 MHz

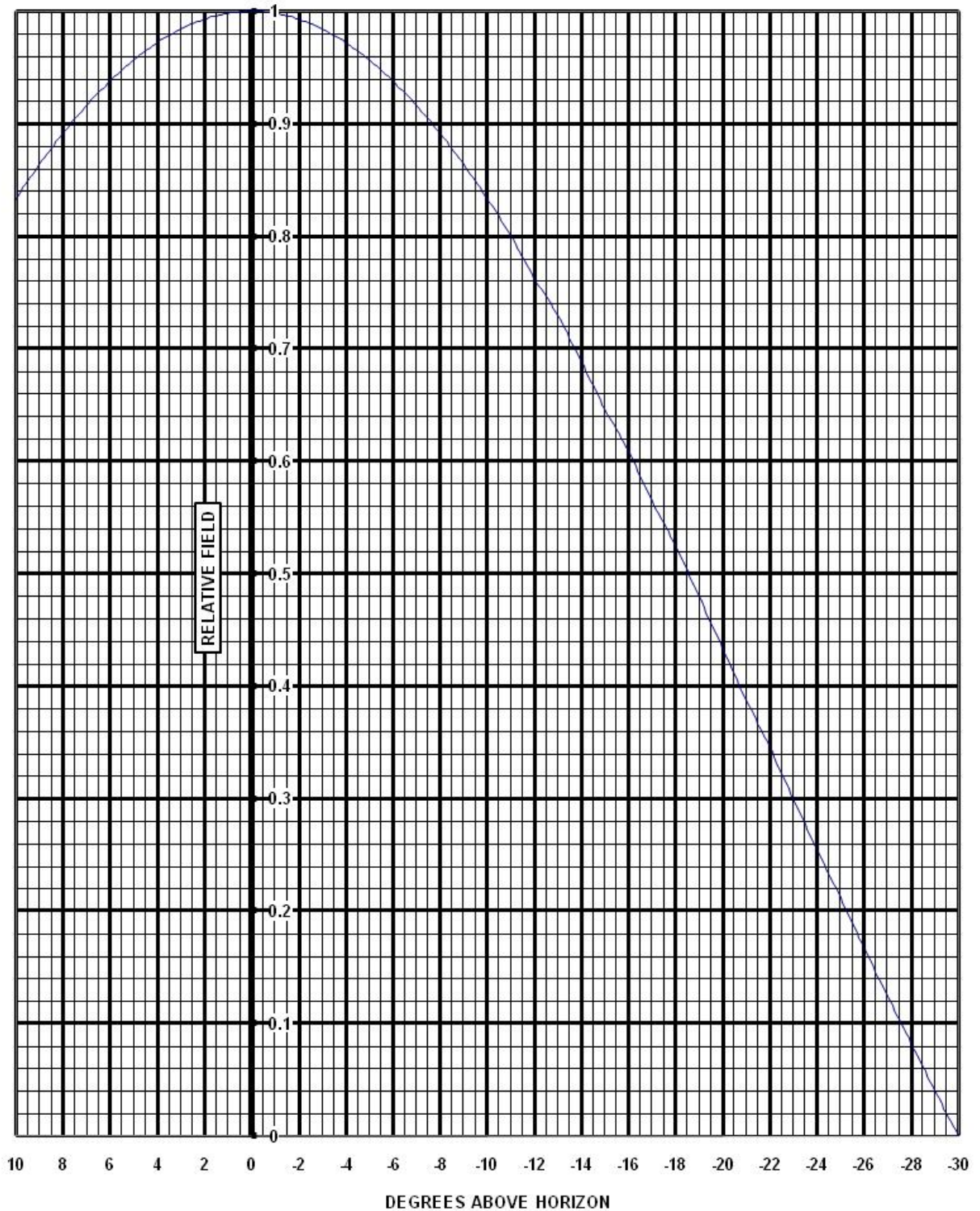
Model: JSCP-2
Description: FM Sidemount Antenna
-0° Beam Tilt, 0% Null Fill



6340 Sky Creek Drive
Sacramento, California 95828 USA

Telephone (916) 383-1177
Fax (916) 383-1182

ELEVATION PATTERN



Customer: KPCC-FM
Frequency: 89.3 MHz

Model: JSCP-2
Description: FM Sidemount Antenna
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Elevation Pattern Tabulation

RELATIVE FIELD VS ELEVATION ANGLE

<u>ELEVATION ANGLE</u>	<u>RELATIVE FIELD</u>	<u>ELEVATION ANGLE</u>	<u>RELATIVE FIELD</u>	<u>ELEVATION ANGLE</u>	<u>RELATIVE FIELD</u>
10	0.834	-26	0.167	-61	0.397
9	0.864	-27	0.124	-62	0.392
8	0.891	-28	0.082	-63	0.386
7	0.916	-29	0.041	-64	0.380
6	0.938	-30	0.000	-65	0.364
5	0.957	-31	0.039	-66	0.356
4	0.972	-32	0.076	-67	0.349
3	0.984	-33	0.112	-68	0.331
2	0.993	-34	0.146	-69	0.323
1	0.998	-35	0.176	-70	0.314
0	1.000	-36	0.207	-71	0.296
-1	0.998	-37	0.236	-72	0.287
-2	0.993	-38	0.259	-73	0.267
-3	0.984	-39	0.285	-74	0.258
-4	0.972	-40	0.308	-75	0.249
-5	0.957	-41	0.330	-76	0.229
-6	0.938	-42	0.350	-77	0.219
-7	0.916	-43	0.363	-78	0.210
-8	0.891	-44	0.379	-79	0.190
-9	0.864	-45	0.394	-80	0.180
-10	0.834	-46	0.407	-81	0.170
-11	0.801	-47	0.419	-82	0.160
-12	0.762	-48	0.429	-83	0.150
-13	0.730	-49	0.438	-84	0.150
-14	0.689	-50	0.445	-85	0.140
-15	0.646	-51	0.444	-86	0.130
-16	0.609	-52	0.448	-87	0.120
-17	0.565	-53	0.444	-88	0.120
-18	0.525	-54	0.446	-89	0.110
-19	0.479	-55	0.438	-90	0.100
-20	0.433	-56	0.438		
-21	0.387	-57	0.428		
-22	0.345	-58	0.426		
-23	0.300	-59	0.414		
-24	0.254	-60	0.411		
-25	0.212				

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