

**SOLEDAD, CA  
AUCTION 83 LONG FORM  
FACILITY ID #152685 - BNPFT-20030317EHI**

This long form application amends the original technical proposal's ERP, HAAT and adds a directional antenna.

Since the proposal is located within 39 km of the Monterey-Salinas-Santa Cruz 30X30 grid, an LPFM preclusion showing is included in Exhibit 1 demonstrating that no LPFM preclusion will be caused by the proposed facility.

The translator will serve as a fill in for co-owned station KRKC-FM( facility ID#34885) at King City, CA.

**Allocation discussion:**

All exhibits were developed utilizing the FCC 30 second terrain database.

Allocation exhibits are provided as follows:

- E1 Channel study
- E1A Interference plot to KMJV
- E1B Aerial photograph
- E1C DA tabulation
- E2 54 and 60 dBu contours
- E3 ASR-NADCON

A channel study is included as E1 and an interference plots as E1A demonstrating compliance with 74.1204. A plot of the proposed and short form 60 dBu contours is provided as E2. Clearly, the proposes 60 dBu overlaps the short form 60 dBu since it is at the same tower. The proposed 54 dBu is also contained within the KRKC-FM class B 54 dBu.

The proposed channel 295 facility will be located inside the protected contour of third adjacent channel station KMJV on 292A. Therefore, an interference analysis has been conducted based on the D/U ratio of +40 dB at the proposed site. The KMJV contour at the proposed site is 80.2 dBu and the proposed interference contour of 120.2 dBu (50,10) is 94.1 meters. An aerial view of the site area is provided as exhibit E1B showing that the interference contour does not reach any building or major highway. Based on this showing that the interfering contour will not reach a populated area, a waiver of Section 74.1204 is requested.

**RF Exposure Calculation:**

The RF contribution of the proposed translator was calculated using an F factor of 1.0 for the Scala CA2 vertically polarized antenna mounted at 55 meters AGL and the formula provided below to be 2.01  $\mu\text{Watts/cm}^2$  or 1.1% of the maximum permissible 200  $\mu\text{Watts/cm}^2$  exposure for general population/uncontrolled exposure. This is less than the 5% level requiring consideration. It is concluded that the proposed facilities comply with Commission RF limits.

$$S \text{ (RF in } \mu\text{Watts/cm}^2\text{)} = \frac{33.4 (F^2 - \text{Vert Factor}) \times (\text{H ERP} + \text{V ERP in Watts})}{R^2 \text{ (distance to radiation center in meters} - 2 \text{ m)}}$$

**60 dBu contour and HAAT:**

N. Latitude = 36-22-48    W. Longitude = 121-12-57				
HAAT and Distance to Contour,				
FCC, FM 2-10 Mi, 51 pts Method - FCC 30 SEC				
645887, King City Communications Corp, BNPFT20030317EHI				
Azi.	AV EL	HAAT	dBk	60-F5
-----				
000	478.0	-45.0	-7.45	6.53
030	476.7	-43.7	-7.45	6.53
060	361.4	71.6	-7.45	10.16
090	313.5	119.5	-7.45	12.93
120	300.5	132.5	-7.45	13.59
150	134.4	298.6	-7.45	20.80
180	151.8	281.2	-7.45	20.20
210	153.7	279.3	-7.45	20.13
240	221.8	211.2	-7.45	17.49
270	109.8	323.2	-7.45	21.62
300	69.0	364.0	-7.45	22.85
330	412.6	20.4	-7.45	6.53
Ave El= 265.26 M    HAAT= 167.74 M    AMSL= 433 M				



03-22-2013

## E1 CHANNEL STUDY

REFERENCE CH# 295D - 106.9 MHz, Pwr= 0.18 kW DA, HAAT= 167.7 M, COR= 433 M DISPLAY DATES  
 36 22 48.0 N. Average Protected F(50-50)= 15.71 km DATA 03-22-13  
 121 12 57.0 W. Standard Directional SEARCH 03-22-13

CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
295D Soledad	645887	APP _C_	CA	0.0 0.0	0.00 BNPFT20030317EHI	36 22 48.0 121 12 57.0	0.250 174	23.8 439	7.1 King City Communications C	-27.1*	-17.7*
292A Soledad	KMJV	LIC _CN	CA	202.7 22.7	12.75 BLH19971222KF	36 16 27.0 121 16 15.0	4.700 113	3.5 393	38.9 Wolfhouse Radio Group, Inc	-8.8*	-27.0*(1)
295A Los Banos	KQLB	LIC _CN	CA	28.5 208.7	69.16 BLH19921207KI	36 55 35.0 120 50 42.0	6.000 100	68.3 257	15.8 Vlb Broadcasting, Inc.	-2.3	43.9
295A Avenal	KAAX	RSV-A _	CA	113.1 293.7	105.62	36 00 09.0 120 08 08.0	6.000 100	83.0 380	27.3 Avenal Educational Service	8.2	56.5
295A Avenal	KAAX	APP _CX	CA	113.1 293.7	105.62 BMPE20120427AAN	36 00 09.0 120 08 08.0	6.000 -16	68.3 264	15.8 Avenal Educational Service	22.9	65.8
295B San Francisco	KFRC-FM	LIC _C_	CA	325.6 144.8	199.13 BMLH20050811ABJ	37 51 04.0 122 29 50.0	80.000 305	169.5 369	86.1 Cbs Radio Stations Inc.	23.6	87.4
296A Seaside	KSES-FM	LIC _CN	CA	290.7 110.4	54.63 BLH19930507KB	36 33 09.0 121 47 17.0	1.850 179	24.1 410	11.8 Entravision Holdings, Llc	24.2	26.2
295D Paso Robles	K295AG	LIC _VN	CA	149.9 330.2	97.25 BLFT19970827TA	35 37 20.0 120 40 32.0	0.170 -42	21.5 280	6.4 Family Stations, Inc.	55.8	31.0
293B San Jose	KEZR	LIC DCX	CA	331.8 151.5	104.70 BLH20080625ABG	37 12 32.0 121 46 27.0	42.000 163	6.2 415	66.1 Nm Licensing Llc	92.6	35.1
298A Freedom	KPIG-FM	LIC _C_	CA	319.3 139.0	66.88 BLH20000821ABS	36 50 06.0 121 42 22.0	5.400 103	2.8 178	28.7 Mapleton License Of Monter	58.0	37.9
242D Salinas, Etc.	K242AT«	LIC DC_	CA	328.7 148.5	48.95 BLFT20120720ADX	36 45 22.0 121 30 06.0	0.250	29.7 979	2.9 Richard S. Bushell	9.5R	39.5M

**(1) See technical report for disproval of interference.**

Terrain database is FCC NGDC 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM  
 In & Out distances between contours are shown at closest points. Reference zone= East Zone 2A, Co to 3rd adjacent.  
 All separation margins (if shown) include rounding  
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)  
 "\*"affixed to 'IN' or 'OUT' values = site inside protected contour.  
 « = Station meets FCC minimum distance spacing for its class.

**#152685**

BNPFT20030317EHI

Latitude: 36-22-48 N

Longitude: 121-12-57 W

ERP: 0.18 kW

Channel: 295

Frequency: 106.9 MHz

AMSL Height: 433.0 m

Elevation: 378.0 m

Horiz. Pattern: Directional

## EXHIBIT E1A

KMJV 80.2 DBU

#152685

PROPOSED 120.2 DBU = 94.1 KM MAX  
AND DOES NOT REACH ANY BUILDING  
OR MAJOR HIGHWAY.  
SEE E1B AERIAL VIEW.

Scale 1:10,000

0 0.13 0.27 0.4 km

## EXHIBIT E1B

### AERIAL PHOTOGRAPH WITH PROPOSED INTERFERENCE CONTOUR



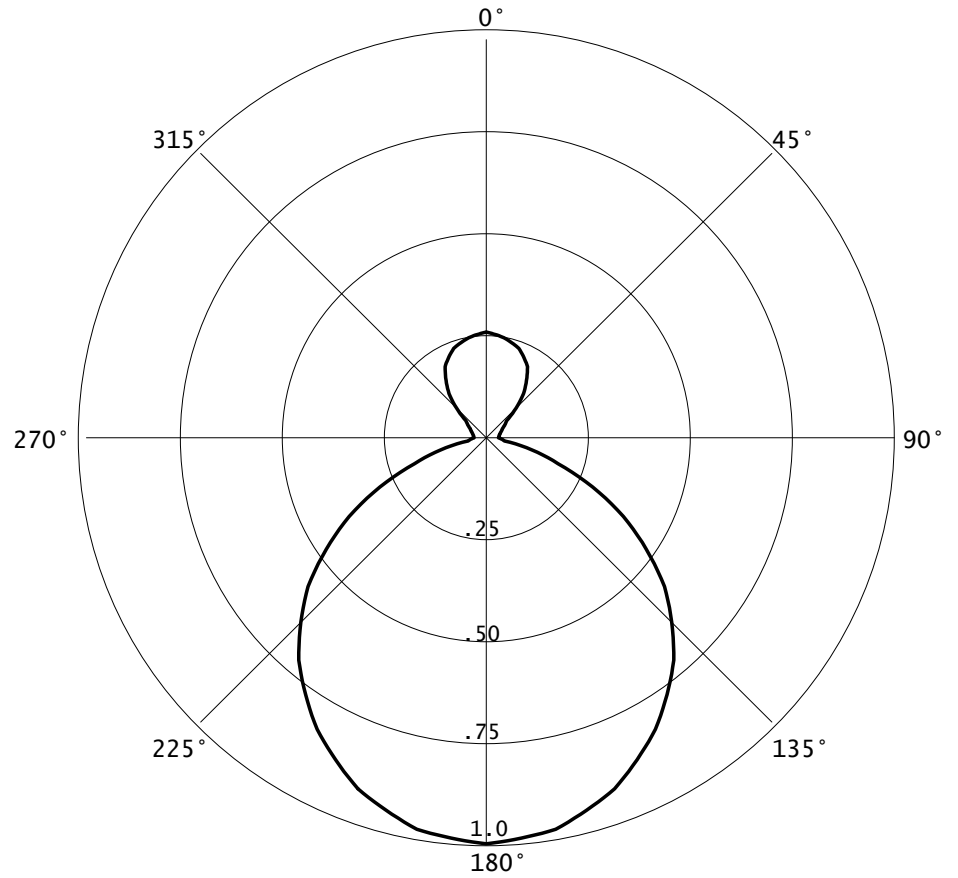
E1C

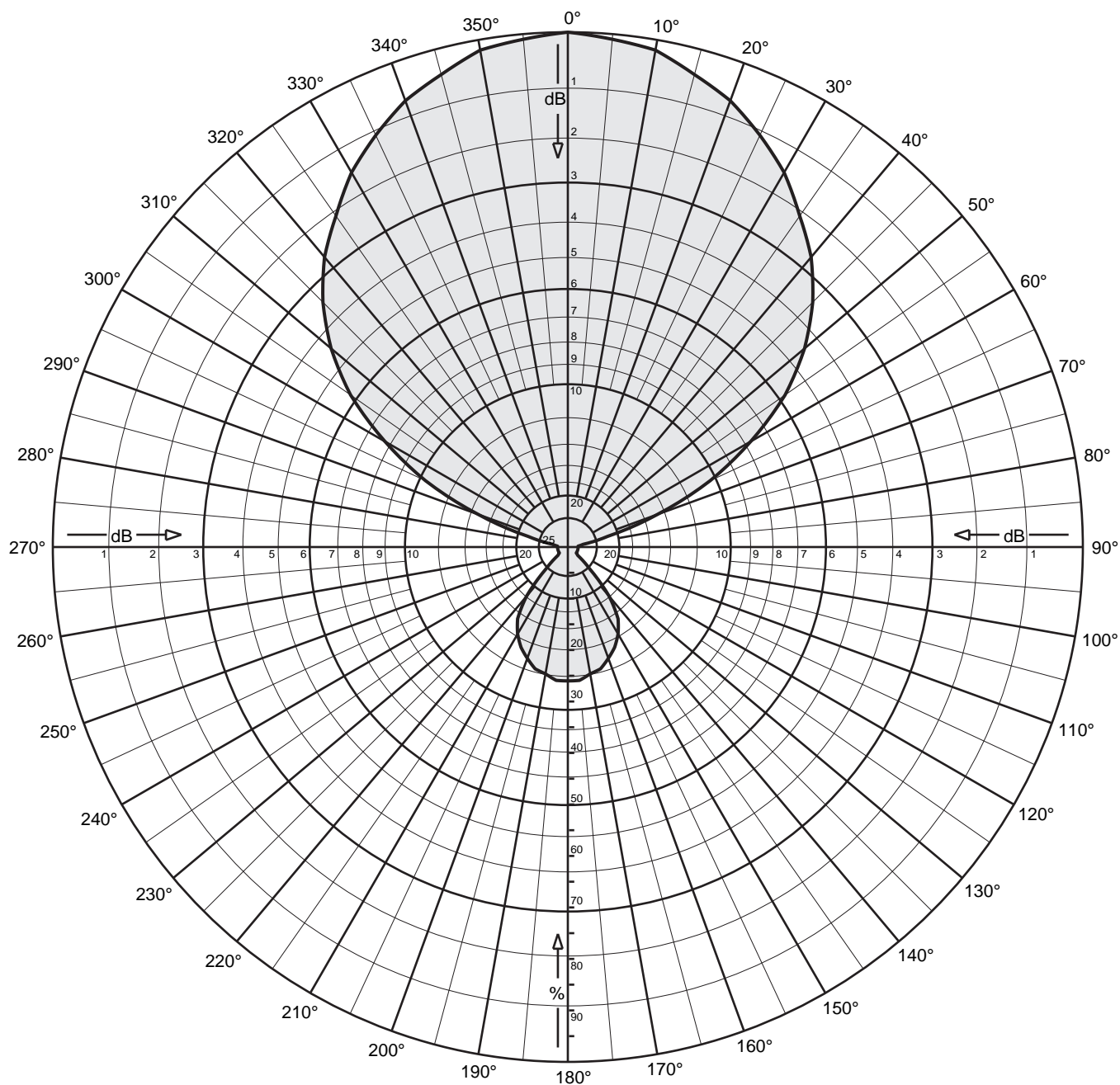
03-22-2013

RMS(V)= .484

Graph is Relative Field

Azi	Field	dBk	kw
000	0.260	-19.148	0.012
010	0.250	-19.488	0.011
020	0.234	-20.063	0.010
030	0.202	-21.340	0.007
040	0.142	-24.402	0.004
050	0.065	-31.189	0.001
060	0.046	-34.192	0.000
070	0.037	-36.083	0.000
080	0.032	-37.344	0.000
090	0.030	-37.905	0.000
100	0.045	-34.383	0.000
110	0.187	-22.010	0.006
120	0.388	-15.671	0.027
130	0.570	-12.330	0.058
140	0.715	-10.361	0.092
150	0.829	-9.076	0.124
160	0.920	-8.172	0.152
170	0.979	-7.632	0.173
180	1.000	-7.447	0.180
190	0.979	-7.632	0.173
200	0.920	-8.172	0.152
210	0.829	-9.076	0.124
220	0.715	-10.361	0.092
230	0.570	-12.330	0.058
240	0.388	-15.671	0.027
250	0.187	-22.010	0.006
260	0.045	-34.383	0.000
270	0.030	-37.905	0.000
280	0.032	-37.344	0.000
290	0.037	-36.083	0.000
300	0.046	-34.192	0.000
310	0.065	-31.189	0.001
320	0.142	-24.402	0.004
330	0.202	-21.340	0.007
340	0.234	-20.063	0.010
350	0.250	-19.488	0.011





CA2-FM Dipole/Reflector

FM

Maximum gain: 4.0 dBd

Vertical polarization

Horizontal radiation pattern

0 degree electrical downtilt



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Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
0	1.000	0.00	4.00	2.51	45	0.673	-3.45	0.55	1.14
1	0.998	-0.02	3.98	2.50	46	0.658	-3.64	0.36	1.09
2	0.996	-0.03	3.97	2.49	47	0.643	-3.83	0.17	1.04
3	0.994	-0.05	3.95	2.48	48	0.629	-4.03	-0.03	0.99
4	0.992	-0.07	3.93	2.47	49	0.615	-4.23	-0.23	0.95
5	0.990	-0.09	3.91	2.46	50	0.600	-4.44	-0.44	0.90
6	0.988	-0.10	3.90	2.45	51	0.583	-4.69	-0.69	0.85
7	0.986	-0.12	3.88	2.44	52	0.566	-4.94	-0.94	0.80
8	0.984	-0.14	3.86	2.43	53	0.549	-5.21	-1.21	0.76
9	0.982	-0.16	3.84	2.42	54	0.532	-5.48	-1.48	0.71
10	0.980	-0.18	3.82	2.41	55	0.515	-5.76	-1.76	0.67
11	0.974	-0.23	3.77	2.38	56	0.494	-6.13	-2.13	0.61
12	0.968	-0.28	3.72	2.35	57	0.473	-6.50	-2.50	0.56
13	0.962	-0.34	3.66	2.32	58	0.452	-6.90	-2.90	0.51
14	0.956	-0.39	3.61	2.30	59	0.431	-7.31	-3.31	0.47
15	0.950	-0.45	3.55	2.27	60	0.410	-7.74	-3.74	0.42
16	0.944	-0.50	3.50	2.24	61	0.389	-8.20	-4.20	0.38
17	0.939	-0.55	3.45	2.21	62	0.368	-8.68	-4.68	0.34
18	0.933	-0.60	3.40	2.19	63	0.347	-9.19	-5.19	0.30
19	0.928	-0.65	3.35	2.16	64	0.326	-9.74	-5.74	0.27
20	0.923	-0.70	3.30	2.14	65	0.305	-10.31	-6.31	0.23
21	0.914	-0.78	3.22	2.10	66	0.281	-11.03	-7.03	0.20
22	0.906	-0.85	3.15	2.06	67	0.257	-11.80	-7.80	0.17
23	0.898	-0.93	3.07	2.03	68	0.233	-12.65	-8.65	0.14
24	0.891	-1.01	2.99	1.99	69	0.209	-13.60	-9.60	0.11
25	0.883	-1.09	2.91	1.96	70	0.185	-14.66	-10.66	0.09
26	0.874	-1.17	2.83	1.92	71	0.164	-15.70	-11.70	0.07
27	0.865	-1.25	2.75	1.88	72	0.143	-16.89	-12.89	0.05
28	0.857	-1.34	2.66	1.84	73	0.122	-18.27	-14.27	0.04
29	0.849	-1.43	2.57	1.81	74	0.101	-19.91	-15.91	0.03
30	0.840	-1.51	2.49	1.77	75	0.080	-21.94	-17.94	0.02
31	0.829	-1.63	2.37	1.73	76	0.070	-23.10	-19.10	0.01
32	0.818	-1.74	2.26	1.68	77	0.060	-24.44	-20.44	0.01
33	0.807	-1.86	2.14	1.64	78	0.050	-26.02	-22.02	0.01
34	0.796	-1.98	2.02	1.59	79	0.040	-27.96	-23.96	0.00
35	0.785	-2.10	1.90	1.55	80	0.030	-30.46	-26.46	0.00
36	0.775	-2.21	1.79	1.51	81	0.028	-31.06	-27.06	0.00
37	0.765	-2.33	1.67	1.47	82	0.026	-31.70	-27.70	0.00
38	0.755	-2.44	1.56	1.43	83	0.024	-32.40	-28.40	0.00
39	0.745	-2.56	1.44	1.39	84	0.022	-33.15	-29.15	0.00
40	0.735	-2.67	1.33	1.36	85	0.020	-33.98	-29.98	0.00
41	0.722	-2.82	1.18	1.31	86	0.020	-33.98	-29.98	0.00
42	0.710	-2.97	1.03	1.27	87	0.020	-33.98	-29.98	0.00
43	0.697	-3.13	0.87	1.22	88	0.020	-33.98	-29.98	0.00
44	0.685	-3.29	0.71	1.18	89	0.020	-33.98	-29.98	0.00



CA2-FM Dipole/Reflector  
FM

Maximum gain: 4.0 dBd  
Vertical polarization

Horizontal radiation pattern  
0 degree electrical downtilt

Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
90	0.020	-33.98	-29.98	0.00	135	0.060	-24.44	-20.44	0.01
91	0.020	-33.98	-29.98	0.00	136	0.073	-22.73	-18.73	0.01
92	0.020	-33.98	-29.98	0.00	137	0.086	-21.31	-17.31	0.02
93	0.020	-33.98	-29.98	0.00	138	0.099	-20.09	-16.09	0.02
94	0.020	-33.98	-29.98	0.00	139	0.112	-19.02	-15.02	0.03
95	0.020	-33.98	-29.98	0.00	140	0.125	-18.06	-14.06	0.04
96	0.020	-33.98	-29.98	0.00	141	0.134	-17.46	-13.46	0.05
97	0.020	-33.98	-29.98	0.00	142	0.143	-16.89	-12.89	0.05
98	0.020	-33.98	-29.98	0.00	143	0.152	-16.36	-12.36	0.06
99	0.020	-33.98	-29.98	0.00	144	0.161	-15.86	-11.86	0.07
100	0.020	-33.98	-29.98	0.00	145	0.170	-15.39	-11.39	0.07
101	0.020	-33.98	-29.98	0.00	146	0.175	-15.14	-11.14	0.08
102	0.020	-33.98	-29.98	0.00	147	0.180	-14.89	-10.89	0.08
103	0.020	-33.98	-29.98	0.00	148	0.185	-14.66	-10.66	0.09
104	0.020	-33.98	-29.98	0.00	149	0.190	-14.42	-10.42	0.09
105	0.020	-33.98	-29.98	0.00	150	0.195	-14.20	-10.20	0.10
106	0.020	-33.98	-29.98	0.00	151	0.199	-14.02	-10.02	0.10
107	0.020	-33.98	-29.98	0.00	152	0.203	-13.85	-9.85	0.10
108	0.020	-33.98	-29.98	0.00	153	0.207	-13.68	-9.68	0.11
109	0.020	-33.98	-29.98	0.00	154	0.211	-13.51	-9.51	0.11
110	0.020	-33.98	-29.98	0.00	155	0.215	-13.35	-9.35	0.12
111	0.020	-33.98	-29.98	0.00	156	0.218	-13.23	-9.23	0.12
112	0.020	-33.98	-29.98	0.00	157	0.221	-13.11	-9.11	0.12
113	0.020	-33.98	-29.98	0.00	158	0.224	-13.00	-9.00	0.13
114	0.020	-33.98	-29.98	0.00	159	0.227	-12.88	-8.88	0.13
115	0.020	-33.98	-29.98	0.00	160	0.230	-12.77	-8.77	0.13
116	0.020	-33.98	-29.98	0.00	161	0.233	-12.65	-8.65	0.14
117	0.020	-33.98	-29.98	0.00	162	0.236	-12.54	-8.54	0.14
118	0.020	-33.98	-29.98	0.00	163	0.239	-12.43	-8.43	0.14
119	0.020	-33.98	-29.98	0.00	164	0.242	-12.32	-8.32	0.15
120	0.020	-33.98	-29.98	0.00	165	0.245	-12.22	-8.22	0.15
121	0.020	-33.98	-29.98	0.00	166	0.246	-12.18	-8.18	0.15
122	0.020	-33.98	-29.98	0.00	167	0.247	-12.15	-8.15	0.15
123	0.020	-33.98	-29.98	0.00	168	0.248	-12.11	-8.11	0.15
124	0.020	-33.98	-29.98	0.00	169	0.249	-12.08	-8.08	0.16
125	0.020	-33.98	-29.98	0.00	170	0.250	-12.04	-8.04	0.16
126	0.021	-33.56	-29.56	0.00	171	0.252	-11.97	-7.97	0.16
127	0.022	-33.15	-29.15	0.00	172	0.254	-11.90	-7.90	0.16
128	0.023	-32.77	-28.77	0.00	173	0.256	-11.84	-7.84	0.16
129	0.024	-32.40	-28.40	0.00	174	0.258	-11.77	-7.77	0.17
130	0.025	-32.04	-28.04	0.00	175	0.260	-11.70	-7.70	0.17
131	0.032	-29.90	-25.90	0.00	176	0.260	-11.70	-7.70	0.17
132	0.039	-28.18	-24.18	0.00	177	0.260	-11.70	-7.70	0.17
133	0.046	-26.74	-22.74	0.01	178	0.260	-11.70	-7.70	0.17
134	0.053	-25.51	-21.51	0.01	179	0.260	-11.70	-7.70	0.17



CA2-FM Dipole/Reflector  
FM

Maximum gain: 4.0 dBd  
Vertical polarization

Horizontal radiation pattern  
0 degree electrical downtilt

Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
180	0.260	-11.70	-7.70	0.17	225	0.060	-24.44	-20.44	0.01
181	0.260	-11.70	-7.70	0.17	226	0.053	-25.51	-21.51	0.01
182	0.260	-11.70	-7.70	0.17	227	0.046	-26.74	-22.74	0.01
183	0.260	-11.70	-7.70	0.17	228	0.039	-28.18	-24.18	0.00
184	0.260	-11.70	-7.70	0.17	229	0.032	-29.90	-25.90	0.00
185	0.260	-11.70	-7.70	0.17	230	0.025	-32.04	-28.04	0.00
186	0.258	-11.77	-7.77	0.17	231	0.024	-32.40	-28.40	0.00
187	0.256	-11.84	-7.84	0.16	232	0.023	-32.77	-28.77	0.00
188	0.254	-11.90	-7.90	0.16	233	0.022	-33.15	-29.15	0.00
189	0.252	-11.97	-7.97	0.16	234	0.021	-33.56	-29.56	0.00
190	0.250	-12.04	-8.04	0.16	235	0.020	-33.98	-29.98	0.00
191	0.249	-12.08	-8.08	0.16	236	0.020	-33.98	-29.98	0.00
192	0.248	-12.11	-8.11	0.15	237	0.020	-33.98	-29.98	0.00
193	0.247	-12.15	-8.15	0.15	238	0.020	-33.98	-29.98	0.00
194	0.246	-12.18	-8.18	0.15	239	0.020	-33.98	-29.98	0.00
195	0.245	-12.22	-8.22	0.15	240	0.020	-33.98	-29.98	0.00
196	0.242	-12.32	-8.32	0.15	241	0.020	-33.98	-29.98	0.00
197	0.239	-12.43	-8.43	0.14	242	0.020	-33.98	-29.98	0.00
198	0.236	-12.54	-8.54	0.14	243	0.020	-33.98	-29.98	0.00
199	0.233	-12.65	-8.65	0.14	244	0.020	-33.98	-29.98	0.00
200	0.230	-12.77	-8.77	0.13	245	0.020	-33.98	-29.98	0.00
201	0.227	-12.88	-8.88	0.13	246	0.020	-33.98	-29.98	0.00
202	0.224	-13.00	-9.00	0.13	247	0.020	-33.98	-29.98	0.00
203	0.221	-13.11	-9.11	0.12	248	0.020	-33.98	-29.98	0.00
204	0.218	-13.23	-9.23	0.12	249	0.020	-33.98	-29.98	0.00
205	0.215	-13.35	-9.35	0.12	250	0.020	-33.98	-29.98	0.00
206	0.211	-13.51	-9.51	0.11	251	0.020	-33.98	-29.98	0.00
207	0.207	-13.68	-9.68	0.11	252	0.020	-33.98	-29.98	0.00
208	0.203	-13.85	-9.85	0.10	253	0.020	-33.98	-29.98	0.00
209	0.199	-14.02	-10.02	0.10	254	0.020	-33.98	-29.98	0.00
210	0.195	-14.20	-10.20	0.10	255	0.020	-33.98	-29.98	0.00
211	0.190	-14.42	-10.42	0.09	256	0.020	-33.98	-29.98	0.00
212	0.185	-14.66	-10.66	0.09	257	0.020	-33.98	-29.98	0.00
213	0.180	-14.89	-10.89	0.08	258	0.020	-33.98	-29.98	0.00
214	0.175	-15.14	-11.14	0.08	259	0.020	-33.98	-29.98	0.00
215	0.170	-15.39	-11.39	0.07	260	0.020	-33.98	-29.98	0.00
216	0.161	-15.86	-11.86	0.07	261	0.020	-33.98	-29.98	0.00
217	0.152	-16.36	-12.36	0.06	262	0.020	-33.98	-29.98	0.00
218	0.143	-16.89	-12.89	0.05	263	0.020	-33.98	-29.98	0.00
219	0.134	-17.46	-13.46	0.05	264	0.020	-33.98	-29.98	0.00
220	0.125	-18.06	-14.06	0.04	265	0.020	-33.98	-29.98	0.00
221	0.112	-19.02	-15.02	0.03	266	0.020	-33.98	-29.98	0.00
222	0.099	-20.09	-16.09	0.02	267	0.020	-33.98	-29.98	0.00
223	0.086	-21.31	-17.31	0.02	268	0.020	-33.98	-29.98	0.00
224	0.073	-22.73	-18.73	0.01	269	0.020	-33.98	-29.98	0.00



CA2-FM Dipole/Reflector  
FM

Maximum gain: 4.0 dBd  
Vertical polarization

Horizontal radiation pattern  
0 degree electrical downtilt

Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
270	0.020	-33.98	-29.98	0.00	315	0.673	-3.45	0.55	1.14
271	0.020	-33.98	-29.98	0.00	316	0.685	-3.29	0.71	1.18
272	0.020	-33.98	-29.98	0.00	317	0.697	-3.13	0.87	1.22
273	0.020	-33.98	-29.98	0.00	318	0.710	-2.97	1.03	1.27
274	0.020	-33.98	-29.98	0.00	319	0.722	-2.82	1.18	1.31
275	0.020	-33.98	-29.98	0.00	320	0.735	-2.67	1.33	1.36
276	0.022	-33.15	-29.15	0.00	321	0.745	-2.56	1.44	1.39
277	0.024	-32.40	-28.40	0.00	322	0.755	-2.44	1.56	1.43
278	0.026	-31.70	-27.70	0.00	323	0.765	-2.33	1.67	1.47
279	0.028	-31.06	-27.06	0.00	324	0.775	-2.21	1.79	1.51
280	0.030	-30.46	-26.46	0.00	325	0.785	-2.10	1.90	1.55
281	0.040	-27.96	-23.96	0.00	326	0.796	-1.98	2.02	1.59
282	0.050	-26.02	-22.02	0.01	327	0.807	-1.86	2.14	1.64
283	0.060	-24.44	-20.44	0.01	328	0.818	-1.74	2.26	1.68
284	0.070	-23.10	-19.10	0.01	329	0.829	-1.63	2.37	1.73
285	0.080	-21.94	-17.94	0.02	330	0.840	-1.51	2.49	1.77
286	0.101	-19.91	-15.91	0.03	331	0.849	-1.43	2.57	1.81
287	0.122	-18.27	-14.27	0.04	332	0.857	-1.34	2.66	1.84
288	0.143	-16.89	-12.89	0.05	333	0.865	-1.25	2.75	1.88
289	0.164	-15.70	-11.70	0.07	334	0.874	-1.17	2.83	1.92
290	0.185	-14.66	-10.66	0.09	335	0.883	-1.09	2.91	1.96
291	0.209	-13.60	-9.60	0.11	336	0.891	-1.01	2.99	1.99
292	0.233	-12.65	-8.65	0.14	337	0.898	-0.93	3.07	2.03
293	0.257	-11.80	-7.80	0.17	338	0.906	-0.85	3.15	2.06
294	0.281	-11.03	-7.03	0.20	339	0.914	-0.78	3.22	2.10
295	0.305	-10.31	-6.31	0.23	340	0.923	-0.70	3.30	2.14
296	0.326	-9.74	-5.74	0.27	341	0.928	-0.65	3.35	2.16
297	0.347	-9.19	-5.19	0.30	342	0.933	-0.60	3.40	2.19
298	0.368	-8.68	-4.68	0.34	343	0.939	-0.55	3.45	2.21
299	0.389	-8.20	-4.20	0.38	344	0.944	-0.50	3.50	2.24
300	0.410	-7.74	-3.74	0.42	345	0.950	-0.45	3.55	2.27
301	0.431	-7.31	-3.31	0.47	346	0.956	-0.39	3.61	2.30
302	0.452	-6.90	-2.90	0.51	347	0.962	-0.34	3.66	2.32
303	0.473	-6.50	-2.50	0.56	348	0.968	-0.28	3.72	2.35
304	0.494	-6.13	-2.13	0.61	349	0.974	-0.23	3.77	2.38
305	0.515	-5.76	-1.76	0.67	350	0.980	-0.18	3.82	2.41
306	0.532	-5.48	-1.48	0.71	351	0.982	-0.16	3.84	2.42
307	0.549	-5.21	-1.21	0.76	352	0.984	-0.14	3.86	2.43
308	0.566	-4.94	-0.94	0.80	353	0.986	-0.12	3.88	2.44
309	0.583	-4.69	-0.69	0.85	354	0.988	-0.10	3.90	2.45
310	0.600	-4.44	-0.44	0.90	355	0.990	-0.09	3.91	2.46
311	0.615	-4.23	-0.23	0.95	356	0.992	-0.07	3.93	2.47
312	0.629	-4.03	-0.03	0.99	357	0.994	-0.05	3.95	2.48
313	0.643	-3.83	0.17	1.04	358	0.996	-0.03	3.97	2.49
314	0.658	-3.64	0.36	1.09	359	0.998	-0.02	3.98	2.50

#152685

BNPFT20030317EHI

Latitude: 36-22-48 N

Longitude: 121-12-57 W

ERP: 0.18 kW

Channel: 295

Frequency: 106.9 MHz

AMSL Height: 433.0 m

Elevation: 378.0 m

Horiz. Pattern: Directional

## EXHIBIT E2

KRKC-FM 54 DBU

SHORT FORM 60 DBU

#152685

Greenfield

KMDV

King City

PROPOSED 60 DBU

PROPOSED 54 DBU

Scale 1:400,000

0 5 10 15 km

#152685

BNPFT20030317EHI

Latitude: 36-22-48 N

Longitude: 121-12-57 W

ERP: 0.18 kW

Channel: 295

Frequency: 106.9 MHz

AMSL Height: 433.0 m

Elevation: 378.0 m

Horiz. Pattern: Directional

KRKC-FM 54 DBU

EXHIBIT E2A

Soledad

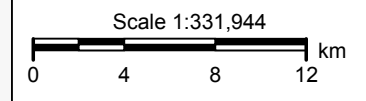
#152685

Greenfield

KMDV

King City

PROPOSED 54 DBU



## E3 Registration 1016385

 [Map Registration](#)

### Registration Detail

Reg Number	1016385	Status	Constructed
File Number	A0019662	Constructed	05/01/1987
EMI	No	Dismantled	
NEPA	No		

### Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Commu

#### Location (in NAD83 Coordinates)

Lat/Long	36-22-48.0 N 121-13-01.0 W	Address	HANDLEY PEAK 8 KM N
City, State	GREENFIELD , CA		
Zip	93960	County	MONTEREY
Center of AM Array		Position of Tower in Array	

### Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
378.0	84.1
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
462.1	83.2

### Painting and Lightings Specifications

FAA Chapters 3, 4, 5, 9

Paint and Light in Accordance with FAA Circular Number 70/7460-1G

### FAA Notification

FAA Study	87-AWP-274-OE	FAA Issue Date	06/04/1987
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### Owner & Contact Information

FRN	Owner Entity Type
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#### Owner

TIGRE RADIO CORPORATION DBA = KLFA FM RADIO	P: (408)757-1910
Attention To: CARLOS MONCADA	F:
548 E ALISAL ST	E:
SALINAS , CA 93905	

#### Contact

P:  
F:  
E:

### Last Action Status

Status	Constructed	Received	03/11/1997
Purpose	New	Entered	03/13/1997
Mode	Mail In (Manual)		

**Related Applications**<http://wireless2.fcc.gov/UlsApp/AsrSearch/asrRegistration.jsp?regKey=...>

# Output from NADCON for station

North American Datum Conversion

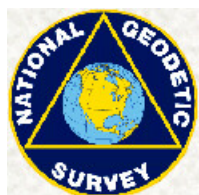
NAD 83 to NAD 27

NADCON Program Version 2.11

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Transformation #: 1                      Region: Conus

	Latitude	Longitude
NAD 27 datum values:	36 22 48.12284	121 12 57.27479
NAD 83 datum values:	36 22 48.00000	121 13 1.00000
NAD 27 - NAD 83 shift values:	0.12284	-3.72521(secs.)
	3.786	-92.850 (meters)
Magnitude of total shift:		92.927(meters)



[NGS HOME PAGE](http://www.ngs.noaa.gov/cgi-bin/nadcon.prl)http://www.ngs.noaa.gov/cgi-bin/nadcon.prl