

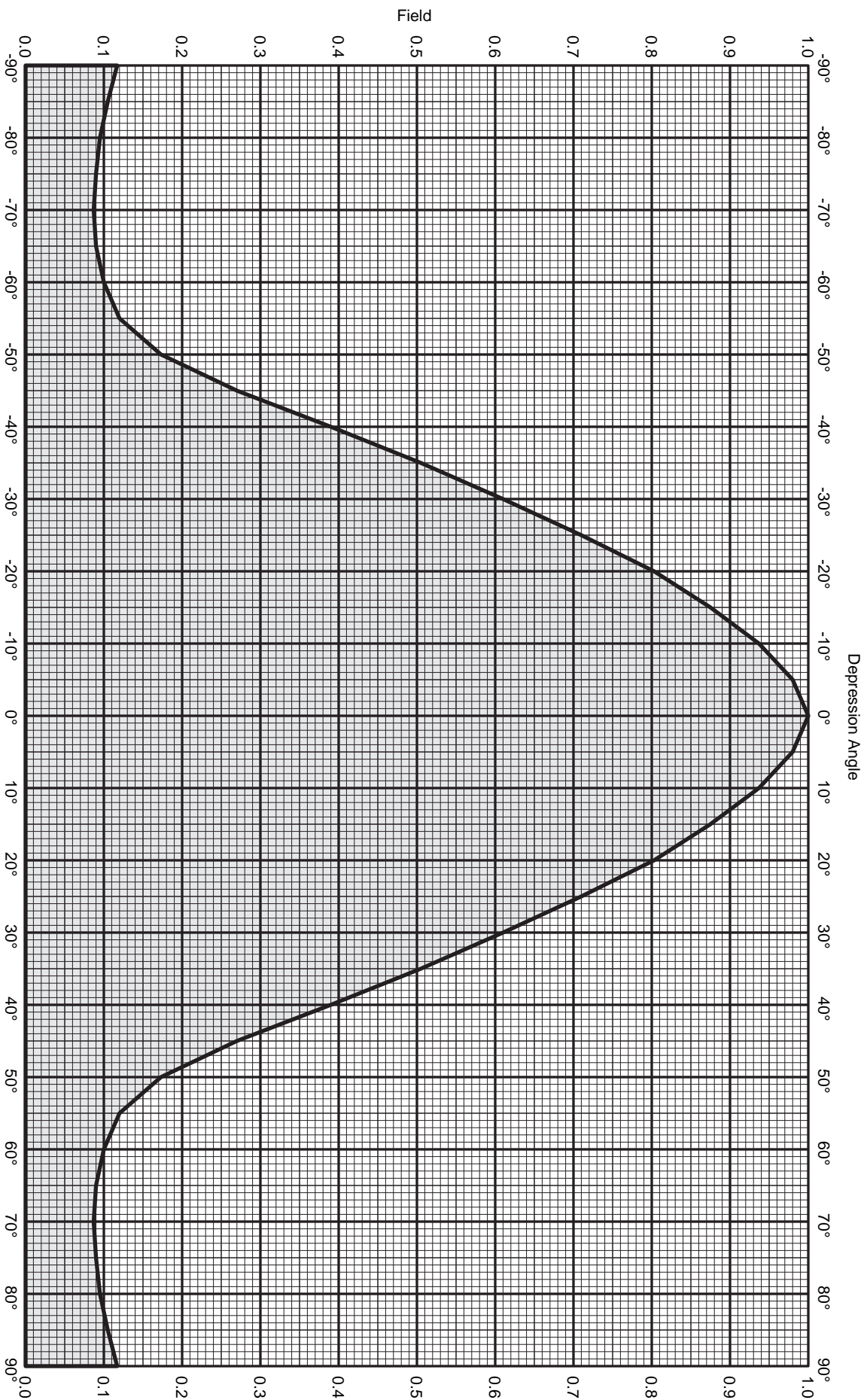
EXHIBIT 16

KROQ-FM FCC 349 Booster Application
Section III-A Engineering
Environmental Statement
CBS Radio Inc. of Los Angeles
May 7, 2009

An Environmental Assessment is not required, as grant of this application would not be considered a major environmental action. The antenna will be installed on an existing support structure.

The applicant proposes to install a Kathrein (Scala) model CA5-FM 5 element yagi antenna mounted on a support structure at 3m above ground level with the main lobe pointed at 30 degrees true from North. Vertical only polarization is proposed with an effective radiated power of 50 watts.

The proposed transmitting facilities will comply with the FCC guidelines limiting human exposure to radio frequency energy. The maximum power density level at ground level, calculated in accordance with OET Bulletin No. 65 (August 1997), is calculated to be 10% of the applicable limit for exposures to the general public (Un-controlled environment). Since the antenna site is a shared facility with other emitters, CBS will make measurements following installation of its antenna to determine if additional fencing is necessary to protect workers or individuals inadvertently entering the compound. If work is performed in areas where over exposure could occur, the Licensee in coordination with the other users will take necessary action to prevent the overexposure of workers on the tower including reducing the transmitting power or ceasing operation completely.



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One CA5-FM Yagi Antenna

Frequency: 106.7 MHz

Gain: 9.0 dBd

Vertical Polarization

Vertical plane Pattern

KROQ booster



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Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
-90	0.117	-18.64	-9.64	0.11	-45	0.270	-11.37	-2.37	0.58
-89	0.115	-18.82	-9.82	0.10	-44	0.294	-10.63	-1.63	0.69
-88	0.112	-19.00	-10.00	0.10	-43	0.318	-9.95	-0.95	0.80
-87	0.110	-19.19	-10.19	0.10	-42	0.342	-9.32	-0.32	0.93
-86	0.107	-19.38	-10.38	0.09	-41	0.366	-8.73	0.27	1.06
-85	0.105	-19.58	-10.58	0.09	-40	0.390	-8.18	0.82	1.21
-84	0.103	-19.74	-10.74	0.08	-39	0.413	-7.68	1.32	1.35
-83	0.101	-19.91	-10.91	0.08	-38	0.436	-7.21	1.79	1.51
-82	0.099	-20.09	-11.09	0.08	-37	0.459	-6.76	2.24	1.67
-81	0.097	-20.26	-11.26	0.07	-36	0.482	-6.34	2.66	1.85
-80	0.095	-20.45	-11.45	0.07	-35	0.505	-5.93	3.07	2.03
-79	0.094	-20.54	-11.54	0.07	-34	0.526	-5.58	3.42	2.20
-78	0.093	-20.63	-11.63	0.07	-33	0.547	-5.24	3.76	2.38
-77	0.092	-20.72	-11.72	0.07	-32	0.568	-4.91	4.09	2.56
-76	0.091	-20.82	-11.82	0.07	-31	0.589	-4.60	4.40	2.76
-75	0.090	-20.92	-11.92	0.06	-30	0.610	-4.29	4.71	2.96
-74	0.089	-20.97	-11.97	0.06	-29	0.630	-4.01	4.99	3.15
-73	0.089	-21.03	-12.03	0.06	-28	0.650	-3.74	5.26	3.36
-72	0.088	-21.09	-12.09	0.06	-27	0.670	-3.48	5.52	3.57
-71	0.088	-21.15	-12.15	0.06	-26	0.690	-3.22	5.78	3.78
-70	0.087	-21.21	-12.21	0.06	-25	0.710	-2.97	6.03	4.00
-69	0.088	-21.15	-12.15	0.06	-24	0.729	-2.75	6.25	4.22
-68	0.088	-21.09	-12.09	0.06	-23	0.747	-2.53	6.47	4.43
-67	0.089	-21.03	-12.03	0.06	-22	0.766	-2.32	6.68	4.66
-66	0.089	-20.97	-11.97	0.06	-21	0.784	-2.11	6.89	4.89
-65	0.090	-20.92	-11.92	0.06	-20	0.803	-1.91	7.09	5.12
-64	0.092	-20.72	-11.72	0.07	-19	0.817	-1.75	7.25	5.31
-63	0.094	-20.54	-11.54	0.07	-18	0.832	-1.60	7.40	5.50
-62	0.096	-20.35	-11.35	0.07	-17	0.846	-1.45	7.55	5.69
-61	0.098	-20.18	-11.18	0.08	-16	0.861	-1.30	7.70	5.88
-60	0.100	-20.00	-11.00	0.08	-15	0.875	-1.16	7.84	6.08
-59	0.104	-19.66	-10.66	0.09	-14	0.887	-1.04	7.96	6.26
-58	0.108	-19.33	-10.33	0.09	-13	0.900	-0.92	8.08	6.43
-57	0.112	-19.02	-10.02	0.10	-12	0.912	-0.80	8.20	6.61
-56	0.116	-18.71	-9.71	0.11	-11	0.925	-0.68	8.32	6.79
-55	0.120	-18.42	-9.42	0.11	-10	0.937	-0.57	8.43	6.97
-54	0.131	-17.68	-8.68	0.14	-9	0.946	-0.49	8.51	7.10
-53	0.141	-17.00	-8.00	0.16	-8	0.954	-0.41	8.59	7.23
-52	0.152	-16.37	-7.37	0.18	-7	0.963	-0.33	8.67	7.36
-51	0.162	-15.79	-6.79	0.21	-6	0.971	-0.25	8.75	7.50
-50	0.173	-15.24	-6.24	0.24	-5	0.980	-0.18	8.82	7.63
-49	0.192	-14.32	-5.32	0.29	-4	0.984	-0.14	8.86	7.69
-48	0.212	-13.48	-4.48	0.36	-3	0.988	-0.10	8.90	7.75
-47	0.231	-12.72	-3.72	0.42	-2	0.992	-0.07	8.93	7.82
-46	0.251	-12.02	-3.02	0.50	-1	0.996	-0.03	8.97	7.88
					0	1.000	0.00	9.00	7.94



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KROQ booster

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0	1.000	0.00	9.00	7.94	45	0.270	-11.37	-2.37	0.58
1	0.996	-0.03	8.97	7.88	46	0.251	-12.02	-3.02	0.50
2	0.992	-0.07	8.93	7.82	47	0.231	-12.72	-3.72	0.42
3	0.988	-0.10	8.90	7.75	48	0.212	-13.48	-4.48	0.36
4	0.984	-0.14	8.86	7.69	49	0.192	-14.32	-5.32	0.29
5	0.980	-0.18	8.82	7.63	50	0.173	-15.24	-6.24	0.24
6	0.971	-0.25	8.75	7.50	51	0.162	-15.79	-6.79	0.21
7	0.963	-0.33	8.67	7.36	52	0.152	-16.37	-7.37	0.18
8	0.954	-0.41	8.59	7.23	53	0.141	-17.00	-8.00	0.16
9	0.946	-0.49	8.51	7.10	54	0.131	-17.68	-8.68	0.14
10	0.937	-0.57	8.43	6.97	55	0.120	-18.42	-9.42	0.11
11	0.925	-0.68	8.32	6.79	56	0.116	-18.71	-9.71	0.11
12	0.912	-0.80	8.20	6.61	57	0.112	-19.02	-10.02	0.10
13	0.900	-0.92	8.08	6.43	58	0.108	-19.33	-10.33	0.09
14	0.887	-1.04	7.96	6.26	59	0.104	-19.66	-10.66	0.09
15	0.875	-1.16	7.84	6.08	60	0.100	-20.00	-11.00	0.08
16	0.861	-1.30	7.70	5.88	61	0.098	-20.18	-11.18	0.08
17	0.846	-1.45	7.55	5.69	62	0.096	-20.35	-11.35	0.07
18	0.832	-1.60	7.40	5.50	63	0.094	-20.54	-11.54	0.07
19	0.817	-1.75	7.25	5.31	64	0.092	-20.72	-11.72	0.07
20	0.803	-1.91	7.09	5.12	65	0.090	-20.92	-11.92	0.06
21	0.784	-2.11	6.89	4.89	66	0.089	-20.97	-11.97	0.06
22	0.766	-2.32	6.68	4.66	67	0.089	-21.03	-12.03	0.06
23	0.747	-2.53	6.47	4.43	68	0.088	-21.09	-12.09	0.06
24	0.729	-2.75	6.25	4.22	69	0.088	-21.15	-12.15	0.06
25	0.710	-2.97	6.03	4.00	70	0.087	-21.21	-12.21	0.06
26	0.690	-3.22	5.78	3.78	71	0.088	-21.15	-12.15	0.06
27	0.670	-3.48	5.52	3.57	72	0.088	-21.09	-12.09	0.06
28	0.650	-3.74	5.26	3.36	73	0.089	-21.03	-12.03	0.06
29	0.630	-4.01	4.99	3.15	74	0.089	-20.97	-11.97	0.06
30	0.610	-4.29	4.71	2.96	75	0.090	-20.92	-11.92	0.06
31	0.589	-4.60	4.40	2.76	76	0.091	-20.82	-11.82	0.07
32	0.568	-4.91	4.09	2.56	77	0.092	-20.72	-11.72	0.07
33	0.547	-5.24	3.76	2.38	78	0.093	-20.63	-11.63	0.07
34	0.526	-5.58	3.42	2.20	79	0.094	-20.54	-11.54	0.07
35	0.505	-5.93	3.07	2.03	80	0.095	-20.45	-11.45	0.07
36	0.482	-6.34	2.66	1.85	81	0.097	-20.26	-11.26	0.07
37	0.459	-6.76	2.24	1.67	82	0.099	-20.09	-11.09	0.08
38	0.436	-7.21	1.79	1.51	83	0.101	-19.91	-10.91	0.08
39	0.413	-7.68	1.32	1.35	84	0.103	-19.74	-10.74	0.08
40	0.390	-8.18	0.82	1.21	85	0.105	-19.58	-10.58	0.09
41	0.366	-8.73	0.27	1.06	86	0.107	-19.38	-10.38	0.09
42	0.342	-9.32	-0.32	0.93	87	0.110	-19.19	-10.19	0.10
43	0.318	-9.95	-0.95	0.80	88	0.112	-19.00	-10.00	0.10
44	0.294	-10.63	-1.63	0.69	89	0.115	-18.82	-9.82	0.10
					90	0.117	-18.64	-9.64	0.11