

Distance to Contour Report: 360 Radials

EXHIBIT E-4

KCBS(FM) 54dBu(f50.50)

Klein Broadcast Engineering, L.L.C.

Job: KRFROILDALETWR.fmj:KCBS-FM

N34:13:55 W118:04:18 NAD-27

Channel: 226 Class: B

Signal Level: 54dBu(0.5mV/m) [50-50]

Max ERP: 50kW(16.99dBk) HAAT: 150.0 meters

Description: KCBS(FM) Protected 54dBu(f50.50)

Prepared for: AGM

Date: 12/24/2002

USGS 3-Sec DEM(DMA)

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Site Elevation: 911.0 meters AMSL Rad Center: 1,061.0 meters AMSL

Distance to Contour:

Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)
000	36.1	(22.4)	049	36.1	(22.4)	098	36.1	(22.4)	147	100.0	(62.1)
001	36.1	(22.4)	050	36.1	(22.4)	099	36.1	(22.4)	148	100.5	(62.4)
002	36.1	(22.4)	051	36.1	(22.4)	100	36.1	(22.4)	149	101.0	(62.8)
003	36.1	(22.4)	052	36.1	(22.4)	101	36.1	(22.4)	150	101.5	(63.1)
004	36.1	(22.4)	053	36.1	(22.4)	102	36.1	(22.4)	151	101.9	(63.3)
005	36.1	(22.4)	054	36.1	(22.4)	103	36.1	(22.4)	152	102.4	(63.6)
006	36.1	(22.4)	055	36.1	(22.4)	104	36.1	(22.4)	153	102.9	(64.0)
007	36.1	(22.4)	056	36.1	(22.4)	105	36.1	(22.4)	154	103.3	(64.2)
008	36.1	(22.4)	057	36.1	(22.4)	106	43.5	(27.0)	155	103.5	(64.3)
009	36.1	(22.4)	058	36.1	(22.4)	107	50.8	(31.6)	156	103.6	(64.3)
010	36.1	(22.4)	059	36.1	(22.4)	108	53.5	(33.2)	157	103.4	(64.3)
011	36.1	(22.4)	060	36.1	(22.4)	109	59.0	(36.7)	158	103.2	(64.1)
012	36.1	(22.4)	061	36.1	(22.4)	110	60.7	(37.7)	159	102.8	(63.9)
013	36.1	(22.4)	062	36.1	(22.4)	111	60.0	(37.3)	160	102.4	(63.6)
014	36.1	(22.4)	063	36.1	(22.4)	112	60.2	(37.4)	161	102.3	(63.5)
015	36.1	(22.4)	064	36.1	(22.4)	113	59.5	(37.0)	162	102.2	(63.5)
016	36.1	(22.4)	065	36.1	(22.4)	114	59.0	(36.7)	163	102.1	(63.5)
017	36.1	(22.4)	066	36.1	(22.4)	115	61.4	(38.1)	164	102.1	(63.5)
018	36.1	(22.4)	067	36.1	(22.4)	116	63.8	(39.6)	165	102.1	(63.5)
019	36.1	(22.4)	068	36.1	(22.4)	117	65.6	(40.8)	166	102.2	(63.5)
020	36.1	(22.4)	069	36.1	(22.4)	118	68.9	(42.8)	167	102.3	(63.6)
021	36.1	(22.4)	070	45.9	(28.5)	119	70.1	(43.6)	168	102.3	(63.6)
022	36.1	(22.4)	071	52.7	(32.8)	120	72.9	(45.3)	169	102.4	(63.6)
023	36.1	(22.4)	072	43.7	(27.2)	121	75.8	(47.1)	170	102.5	(63.7)
024	36.1	(22.4)	073	36.1	(22.4)	122	78.2	(48.6)	171	102.6	(63.8)
025	36.1	(22.4)	074	37.8	(23.5)	123	79.7	(49.5)	172	102.8	(63.9)
026	36.1	(22.4)	075	49.4	(30.7)	124	82.0	(51.0)	173	103.0	(64.0)
027	36.1	(22.4)	076	56.9	(35.3)	125	84.4	(52.4)	174	103.2	(64.1)
028	36.1	(22.4)	077	60.9	(37.8)	126	86.5	(53.7)	175	103.5	(64.3)
029	36.1	(22.4)	078	64.8	(40.2)	127	88.3	(54.9)	176	103.6	(64.4)
030	36.1	(22.4)	079	67.6	(42.0)	128	90.5	(56.2)	177	103.8	(64.5)
031	36.1	(22.4)	080	70.0	(43.5)	129	92.0	(57.2)	178	103.8	(64.5)
032	36.1	(22.4)	081	71.9	(44.7)	130	93.2	(57.9)	179	103.9	(64.5)
033	36.1	(22.4)	082	73.5	(45.7)	131	94.3	(58.6)	180	103.9	(64.6)
034	36.1	(22.4)	083	74.3	(46.2)	132	95.4	(59.3)	181	103.9	(64.6)
035	36.1	(22.4)	084	74.9	(46.6)	133	96.1	(59.7)	182	104.0	(64.6)
036	36.1	(22.4)	085	73.6	(45.7)	134	96.7	(60.1)	183	104.1	(64.7)
037	36.1	(22.4)	086	71.3	(44.3)	135	97.4	(60.5)	184	104.2	(64.7)
038	36.1	(22.4)	087	67.5	(41.9)	136	97.8	(60.7)	185	104.2	(64.8)
039	36.1	(22.4)	088	63.2	(39.2)	137	98.1	(61.0)	186	104.3	(64.8)
040	36.1	(22.4)	089	54.6	(34.0)	138	98.3	(61.1)	187	104.3	(64.8)
041	36.1	(22.4)	090	39.5	(24.5)	139	98.6	(61.3)	188	104.3	(64.8)
042	36.1	(22.4)	091	36.1	(22.4)	140	98.9	(61.4)	189	104.3	(64.8)
043	36.1	(22.4)	092	36.1	(22.4)	141	99.0	(61.5)	190	104.4	(64.9)
044	36.1	(22.4)	093	36.1	(22.4)	142	99.0	(61.5)	191	104.5	(64.9)
045	36.1	(22.4)	094	36.1	(22.4)	143	99.1	(61.6)	192	104.6	(65.0)
046	36.1	(22.4)	095	36.1	(22.4)	144	99.2	(61.6)	193	104.7	(65.1)
047	36.1	(22.4)	096	36.1	(22.4)	145	99.5	(61.8)	194	104.8	(65.1)
048	36.1	(22.4)	097	36.1	(22.4)	146	99.7	(62.0)	195	104.8	(65.1)

Distance to Contour Report: 360 Radials

EXHIBIT E-4 cont'd

KCBS(FM) 54dBu(f50,50)

Klein Broadcast Engineering, L.L.C.

Job: KRFROILDALETWR.fmj:KCBS-FM

N34:13:55 W118:04:18 NAD-27

Channel: 226 Class: B

Signal Level: 54dBu(0.5mV/m) [50-50]

Max ERP: 50kW(16.99dBk) HAAT: 150.0 meters

Description: KCBS(FM) Interfering 54dBu(f50,50)

Date: 12/24/2002

USGS 3-Sec DEM(DMA)

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Site Elevation: 911.0 meters AMSL Rad Center: 1,061.0 meters AMSL

Distance to Contour:

Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)
196	104.9	(65.2)	245	93.6	(58.2)	294	36.1	(22.4)	343	36.1	(22.4)
197	104.9	(65.2)	246	93.2	(57.9)	295	36.1	(22.4)	344	36.1	(22.4)
198	105.0	(65.3)	247	92.9	(57.7)	296	36.1	(22.4)	345	36.1	(22.4)
199	105.1	(65.3)	248	92.6	(57.5)	297	36.1	(22.4)	346	36.1	(22.4)
200	105.1	(65.3)	249	92.3	(57.4)	298	36.1	(22.4)	347	36.1	(22.4)
201	105.0	(65.3)	250	91.7	(57.0)	299	36.1	(22.4)	348	36.1	(22.4)
202	105.0	(65.3)	251	90.7	(56.3)	300	36.1	(22.4)	349	36.1	(22.4)
203	105.0	(65.2)	252	89.9	(55.9)	301	36.1	(22.4)	350	36.1	(22.4)
204	104.9	(65.2)	253	89.4	(55.6)	302	36.1	(22.4)	351	36.1	(22.4)
205	104.8	(65.1)	254	88.9	(55.2)	303	36.1	(22.4)	352	36.1	(22.4)
206	104.7	(65.1)	255	88.5	(55.0)	304	36.1	(22.4)	353	36.1	(22.4)
207	104.7	(65.1)	256	88.2	(54.8)	305	36.1	(22.4)	354	36.1	(22.4)
208	104.7	(65.1)	257	87.7	(54.5)	306	36.1	(22.4)	355	36.1	(22.4)
209	104.7	(65.0)	258	87.0	(54.1)	307	36.1	(22.4)	356	36.1	(22.4)
210	104.6	(65.0)	259	86.0	(53.4)	308	36.1	(22.4)	357	36.1	(22.4)
211	104.5	(64.9)	260	84.9	(52.7)	309	36.1	(22.4)	358	36.1	(22.4)
212	104.4	(64.9)	261	83.8	(52.1)	310	36.1	(22.4)	359	36.1	(22.4)
213	104.2	(64.8)	262	82.7	(51.4)	311	36.1	(22.4)			
214	104.0	(64.6)	263	81.4	(50.6)	312	36.1	(22.4)			
215	103.9	(64.6)	264	79.8	(49.6)	313	36.1	(22.4)			
216	103.6	(64.4)	265	77.6	(48.2)	314	36.1	(22.4)			
217	103.1	(64.0)	266	75.6	(47.0)	315	36.1	(22.4)			
218	102.7	(63.8)	267	73.7	(45.8)	316	36.1	(22.4)			
219	102.3	(63.6)	268	71.4	(44.4)	317	36.1	(22.4)			
220	101.9	(63.3)	269	68.1	(42.3)	318	36.1	(22.4)			
221	101.5	(63.1)	270	64.7	(40.2)	319	36.1	(22.4)			
222	101.1	(62.8)	271	61.6	(38.3)	320	36.1	(22.4)			
223	100.8	(62.6)	272	58.6	(36.4)	321	36.1	(22.4)			
224	100.4	(62.4)	273	55.2	(34.3)	322	36.1	(22.4)			
225	100.0	(62.2)	274	50.9	(31.7)	323	36.1	(22.4)			
226	99.8	(62.0)	275	47.4	(29.5)	324	36.1	(22.4)			
227	99.4	(61.8)	276	41.9	(26.0)	325	36.1	(22.4)			
228	99.1	(61.6)	277	37.2	(23.1)	326	36.1	(22.4)			
229	98.8	(61.4)	278	36.3	(22.6)	327	36.1	(22.4)			
230	98.4	(61.1)	279	38.3	(23.8)	328	36.1	(22.4)			
231	97.9	(60.9)	280	36.8	(22.9)	329	36.1	(22.4)			
232	97.8	(60.8)	281	36.1	(22.4)	330	36.1	(22.4)			
233	97.7	(60.7)	282	36.1	(22.4)	331	36.1	(22.4)			
234	97.6	(60.6)	283	36.1	(22.4)	332	36.1	(22.4)			
235	97.2	(60.4)	284	36.1	(22.4)	333	36.1	(22.4)			
236	96.9	(60.2)	285	36.1	(22.4)	334	36.1	(22.4)			
237	97.1	(60.3)	286	36.1	(22.4)	335	36.1	(22.4)			
238	97.3	(60.5)	287	36.1	(22.4)	336	36.1	(22.4)			
239	96.8	(60.1)	288	36.1	(22.4)	337	36.1	(22.4)			
240	95.7	(59.5)	289	36.1	(22.4)	338	36.1	(22.4)			
241	94.9	(59.0)	290	36.1	(22.4)	339	36.1	(22.4)			
242	94.2	(58.6)	291	36.1	(22.4)	340	36.1	(22.4)			
243	94.3	(58.6)	292	36.1	(22.4)	341	36.1	(22.4)			
244	93.9	(58.4)	293	36.1	(22.4)	342	36.1	(22.4)			