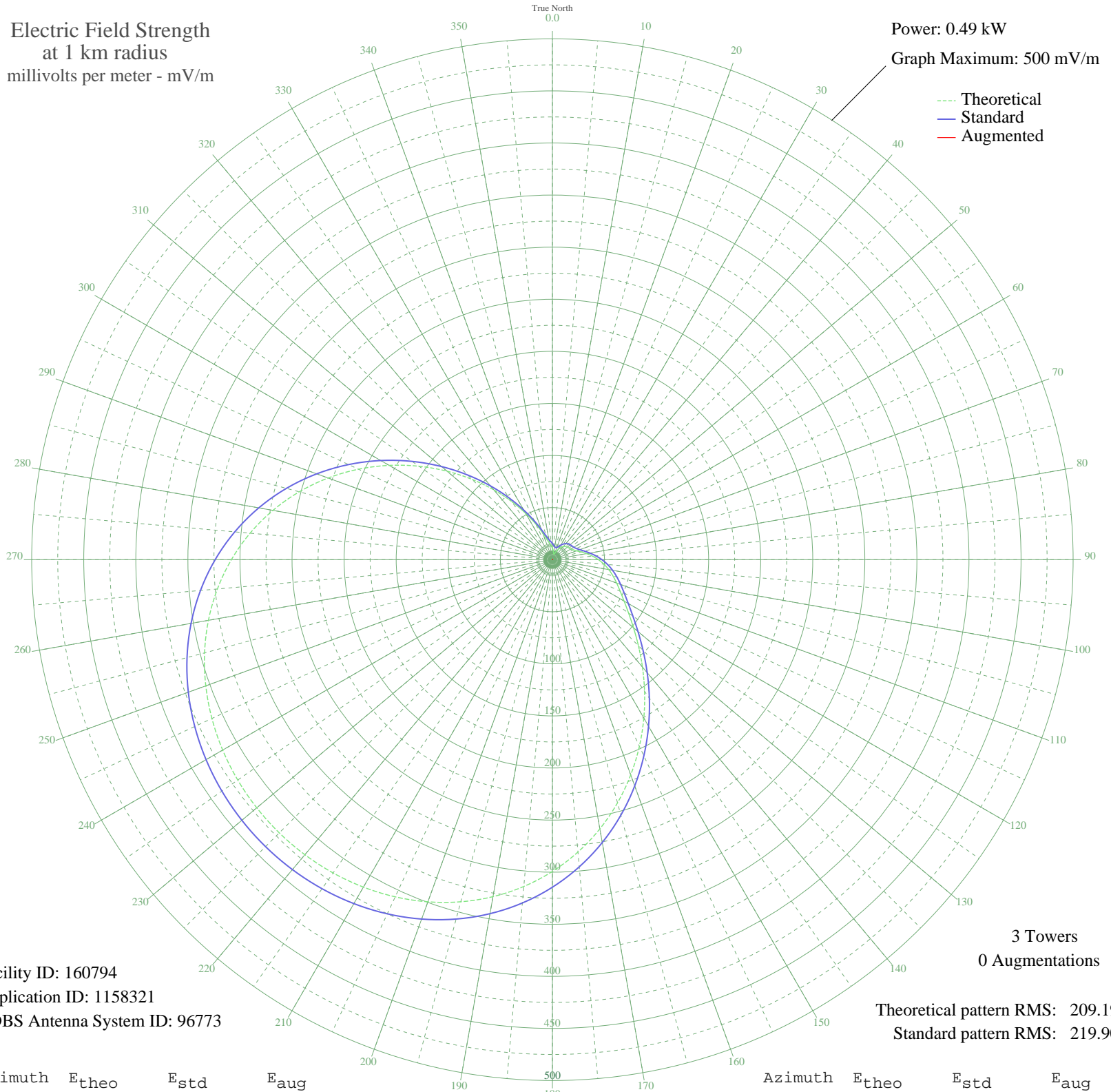


# KTRP MOUNT ANGEL, OR BNP-20050118ACF 1130 kHz

Nighttime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 0.49 kW  
Graph Maximum: 500 mV/m



Facility ID: 160794  
Application ID: 1158321  
CDBS Antenna System ID: 96773

3 Towers  
0 Augmentations

Theoretical pattern RMS: 209.19  
Standard pattern RMS: 219.90

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	11.03	15.63	
5	8.79	13.98	
10	6.51	12.53	
15	5.20	11.83	
20	6.23	12.37	
25	8.83	14.01	
30	11.72	16.18	
35	14.31	18.33	
40	16.35	20.12	
45	17.78	21.42	
50	18.70	22.27	
55	19.41	22.93	
60	20.34	23.80	
65	22.00	25.37	
70	24.73	28.01	
75	28.57	31.79	
80	33.33	36.53	
85	38.64	41.90	
90	44.16	47.55	
95	49.65	53.18	
100	54.97	58.66	
105	60.19	64.07	
110	65.63	69.71	
115	71.83	76.15	
120	79.48	84.11	
125	89.26	94.31	
130	101.65	107.25	
135	116.80	123.08	
140	134.49	141.60	
145	154.28	162.33	
150	175.55	184.63	
155	197.65	207.79	
160	219.88	231.12	
165	241.65	253.95	
170	262.41	275.73	
175	281.73	296.00	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	299.30	314.44	
185	314.92	330.83	
190	328.50	345.08	
195	340.01	357.16	
200	349.52	367.15	
205	357.13	375.13	
210	362.96	381.25	
215	367.13	385.62	
220	369.74	388.37	
225	370.88	389.57	
230	370.58	389.25	
235	368.83	387.41	
240	365.58	384.00	
245	360.73	378.91	
250	354.18	372.03	
255	345.77	363.21	
260	335.38	352.30	
265	322.89	339.20	
270	308.23	323.81	
275	291.40	306.15	
280	272.48	286.30	
285	251.64	264.43	
290	229.17	240.86	
295	205.46	215.99	
300	181.00	190.34	
305	156.34	164.49	
310	132.10	139.11	
315	108.91	114.84	
320	87.37	92.33	
325	68.02	72.19	
330	51.34	54.92	
335	37.69	40.95	
340	27.32	30.54	
345	20.20	23.67	
350	15.84	19.67	
355	13.17	17.37	