

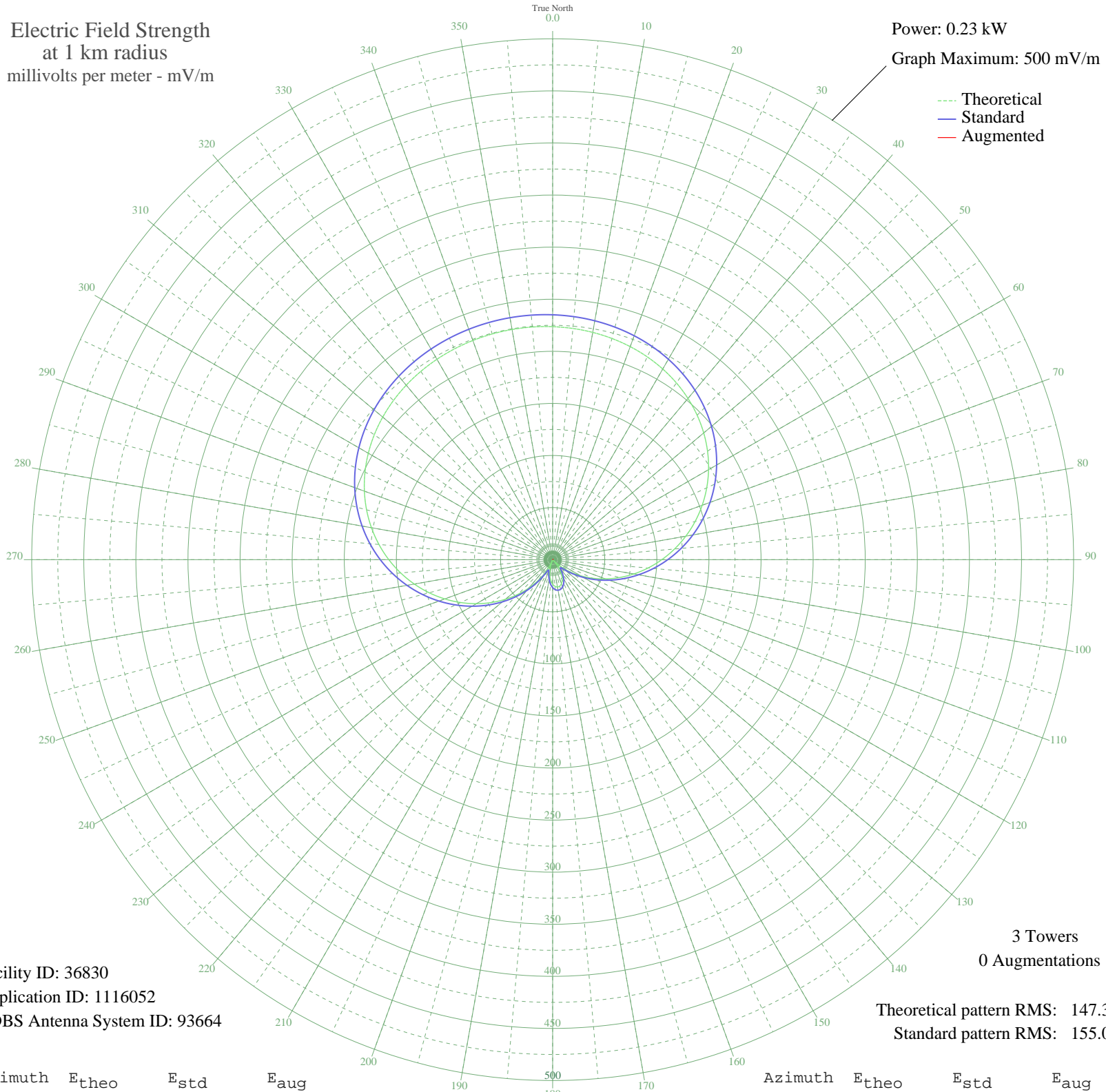
# KSDT REDLANDS, CA BMJP-20051031ACO 1320 kHz

Daytime

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

Power: 0.23 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 36830  
Application ID: 1116052  
CDBS Antenna System ID: 93664

3 Towers  
0 Augmentations

Theoretical pattern RMS: 147.33  
Standard pattern RMS: 155.05

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	223.65	235.07	
5	222.79	234.17	
10	221.54	232.85	
15	219.84	231.07	
20	217.63	228.75	
25	214.82	225.80	
30	211.33	222.15	
35	207.10	217.71	
40	202.04	212.40	
45	196.11	206.18	
50	189.26	199.00	
55	181.48	190.84	
60	172.77	181.71	
65	163.17	171.65	
70	152.74	160.72	
75	141.56	149.01	
80	129.74	136.64	
85	117.43	123.75	
90	104.77	110.51	
95	91.92	97.08	
100	79.05	83.67	
105	66.34	70.44	
110	53.95	57.61	
115	42.03	45.37	
120	30.75	33.95	
125	20.22	23.69	
130	10.57	15.28	
135	1.89	10.69	
140	5.73	12.10	
145	12.23	16.59	
150	17.57	21.22	
155	21.69	25.08	
160	24.57	27.86	
165	26.20	29.45	
170	26.57	29.80	
175	25.66	28.92	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	23.50	26.82	
185	20.09	23.56	
190	15.45	19.32	
195	9.62	14.57	
200	2.63	10.86	
205	5.45	11.96	
210	14.55	18.54	
215	24.59	27.87	
220	35.45	38.68	
225	47.02	50.48	
230	59.16	62.99	
235	71.70	76.02	
240	84.50	89.35	
245	97.38	102.79	
250	110.17	116.16	
255	122.71	129.27	
260	134.83	141.96	
265	146.39	154.06	
270	157.26	165.46	
275	167.35	176.03	
280	176.58	185.71	
285	184.90	194.43	
290	192.28	202.17	
295	198.74	208.94	
300	204.29	214.76	
305	208.99	219.69	
310	212.90	223.79	
315	216.09	227.14	
320	218.64	229.81	
325	220.62	231.89	
330	222.12	233.46	
335	223.20	234.60	
340	223.91	235.34	
345	224.30	235.75	
350	224.39	235.84	
355	224.18	235.62	

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission