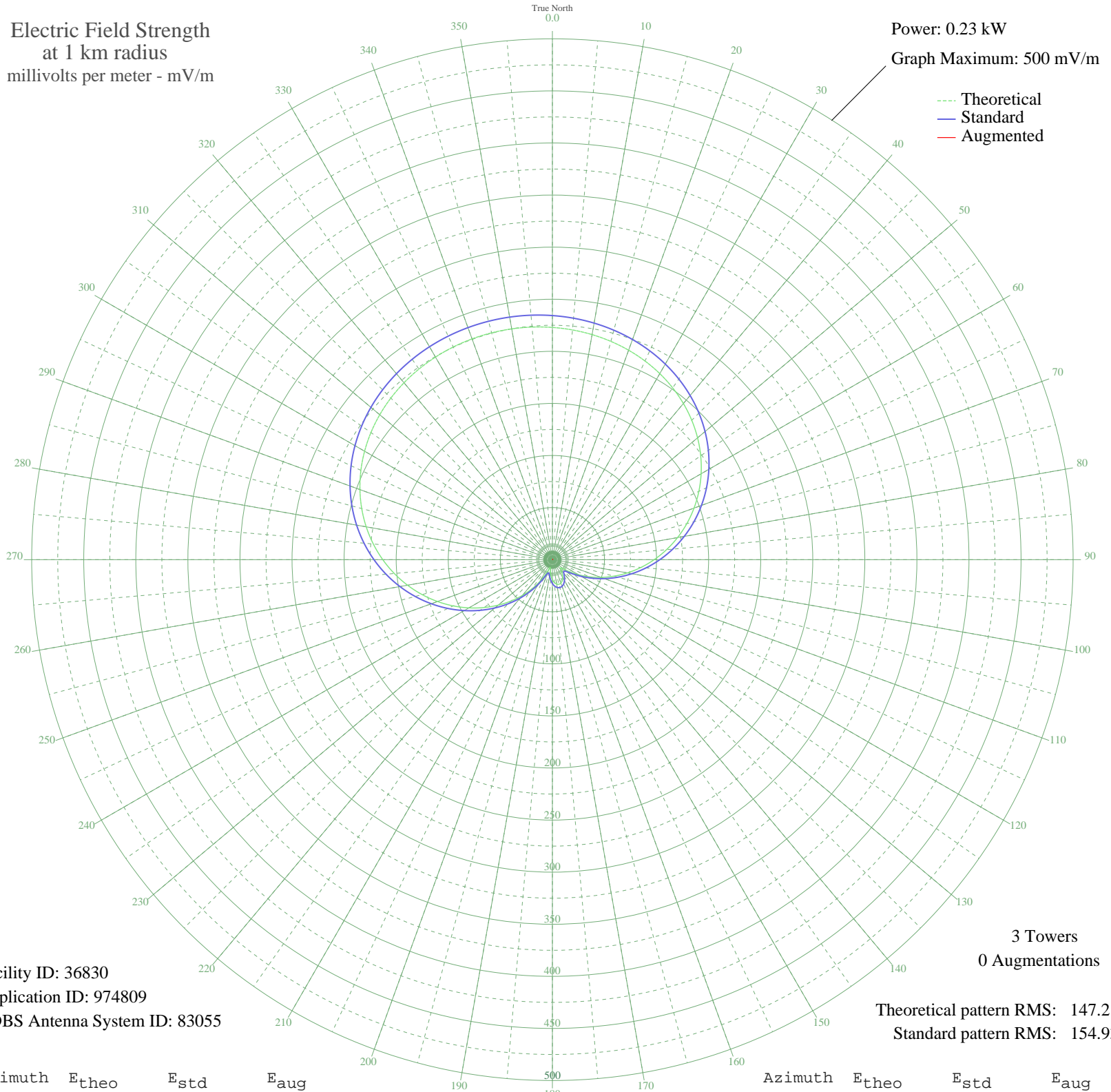


# KSDT REDLANDS, CA BMJP-20040129AQL 1320 kHz

Daytime

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

Power: 0.23 kW  
Graph Maximum: 500 mV/m



Facility ID: 36830  
Application ID: 974809  
CDBS Antenna System ID: 83055

3 Towers  
0 Augmentations

Theoretical pattern RMS: 147.21  
Standard pattern RMS: 154.93

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	222.94	234.33	
5	221.37	232.68	
10	219.39	230.60	
15	216.94	228.03	
20	213.97	224.91	
25	210.42	221.19	
30	206.23	216.80	
35	201.34	211.67	
40	195.69	205.74	
45	189.24	198.98	
50	181.96	191.35	
55	173.84	182.84	
60	164.90	173.47	
65	155.18	163.27	
70	144.72	152.32	
75	133.63	140.71	
80	122.01	128.54	
85	110.00	115.98	
90	97.74	103.17	
95	85.41	90.29	
100	73.16	77.53	
105	61.18	65.09	
110	49.66	53.19	
115	38.81	42.08	
120	28.87	32.08	
125	20.24	23.70	
130	13.74	17.84	
135	11.06	15.66	
140	12.73	17.00	
145	16.21	20.00	
150	19.61	23.11	
155	22.26	25.62	
160	23.90	27.21	
165	24.45	27.74	
170	23.87	27.17	
175	22.16	25.53	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	19.38	22.90	
185	15.65	19.50	
190	11.32	15.86	
195	7.86	13.35	
200	9.31	14.35	
205	15.74	19.58	
210	24.30	27.60	
215	34.07	37.29	
220	44.72	48.12	
225	56.05	59.78	
230	67.90	72.07	
235	80.13	84.79	
240	92.56	97.75	
245	105.05	110.80	
250	117.42	123.74	
255	129.53	136.41	
260	141.23	148.67	
265	152.39	160.35	
270	162.88	171.35	
275	172.62	181.56	
280	181.53	190.89	
285	189.55	199.31	
290	196.67	206.78	
295	202.89	213.30	
300	208.23	218.89	
305	212.72	223.60	
310	216.41	227.48	
315	219.38	230.58	
320	221.68	233.00	
325	223.38	234.78	
330	224.55	236.02	
335	225.26	236.75	
340	225.53	237.04	
345	225.43	236.93	
350	224.96	236.44	
355	224.13	235.57	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission