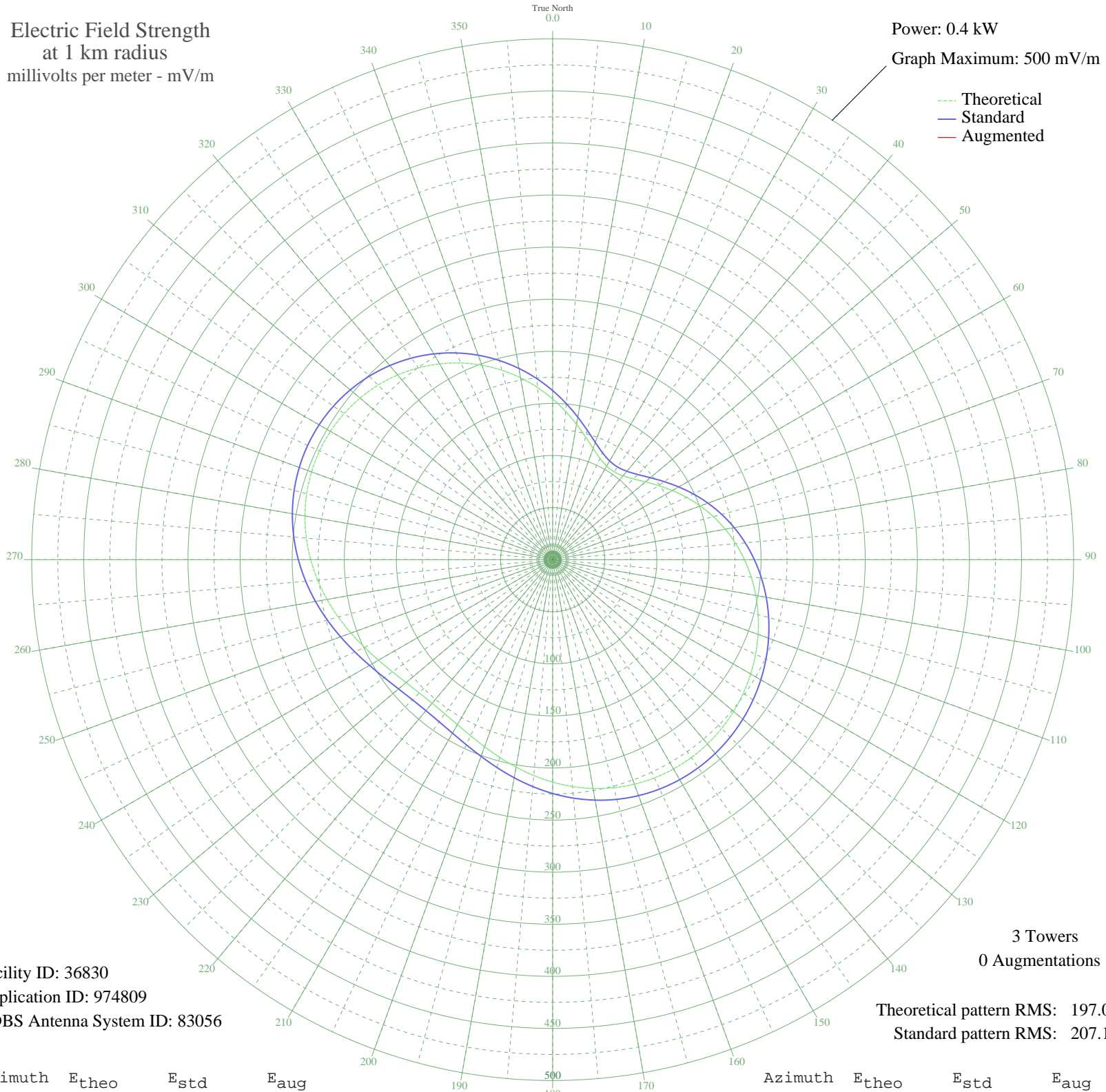


KSDT REDLANDS, CA BMJP-20040129AQL 1320 kHz

Nighttime

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

Power: 0.4 kW
Graph Maximum: 500 mV/m



Facility ID: 36830
Application ID: 974809
CDBS Antenna System ID: 83056

3 Towers
0 Augmentations

Theoretical pattern RMS: 197.06
Standard pattern RMS: 207.18

Azimuth	E _{theo}	E _{std}	E _{aug}
0	154.25	162.30	
5	142.81	150.31	
10	131.89	138.88	
15	121.98	128.50	
20	113.61	119.75	
25	107.36	113.21	
30	103.72	109.41	
35	102.96	108.62	
40	105.05	110.80	
45	109.62	115.58	
50	116.13	122.38	
55	123.97	130.59	
60	132.62	139.65	
65	141.65	149.10	
70	150.73	158.62	
75	159.64	167.95	
80	168.22	176.95	
85	176.39	185.50	
90	184.08	193.57	
95	191.28	201.12	
100	197.97	208.13	
105	204.14	214.61	
110	209.80	220.54	
115	214.91	225.90	
120	219.45	230.66	
125	223.39	234.79	
130	226.67	238.23	
135	229.23	240.92	
140	231.01	242.79	
145	231.96	243.79	
150	232.02	243.85	
155	231.16	242.95	
160	229.36	241.06	
165	226.63	238.19	
170	223.02	234.40	
175	218.61	229.78	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	213.54	224.46	
185	208.00	218.65	
190	202.22	212.59	
195	196.48	206.57	
200	191.11	200.94	
205	186.46	196.07	
210	182.87	192.30	
215	180.63	189.95	
220	179.96	189.24	
225	180.95	190.29	
230	183.59	193.05	
235	187.70	197.36	
240	193.02	202.94	
245	199.24	209.47	
250	206.01	216.57	
255	213.00	223.89	
260	219.87	231.10	
265	226.36	237.91	
270	232.23	244.07	
275	237.29	249.38	
280	241.39	253.68	
285	244.41	256.84	
290	246.26	258.78	
295	246.89	259.45	
300	246.28	258.81	
305	244.41	256.84	
310	241.29	253.57	
315	236.95	249.01	
320	231.41	243.21	
325	224.74	236.21	
330	217.00	228.09	
335	208.27	218.93	
340	198.64	208.84	
345	188.25	197.94	
350	177.25	186.41	
355	165.83	174.44	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission