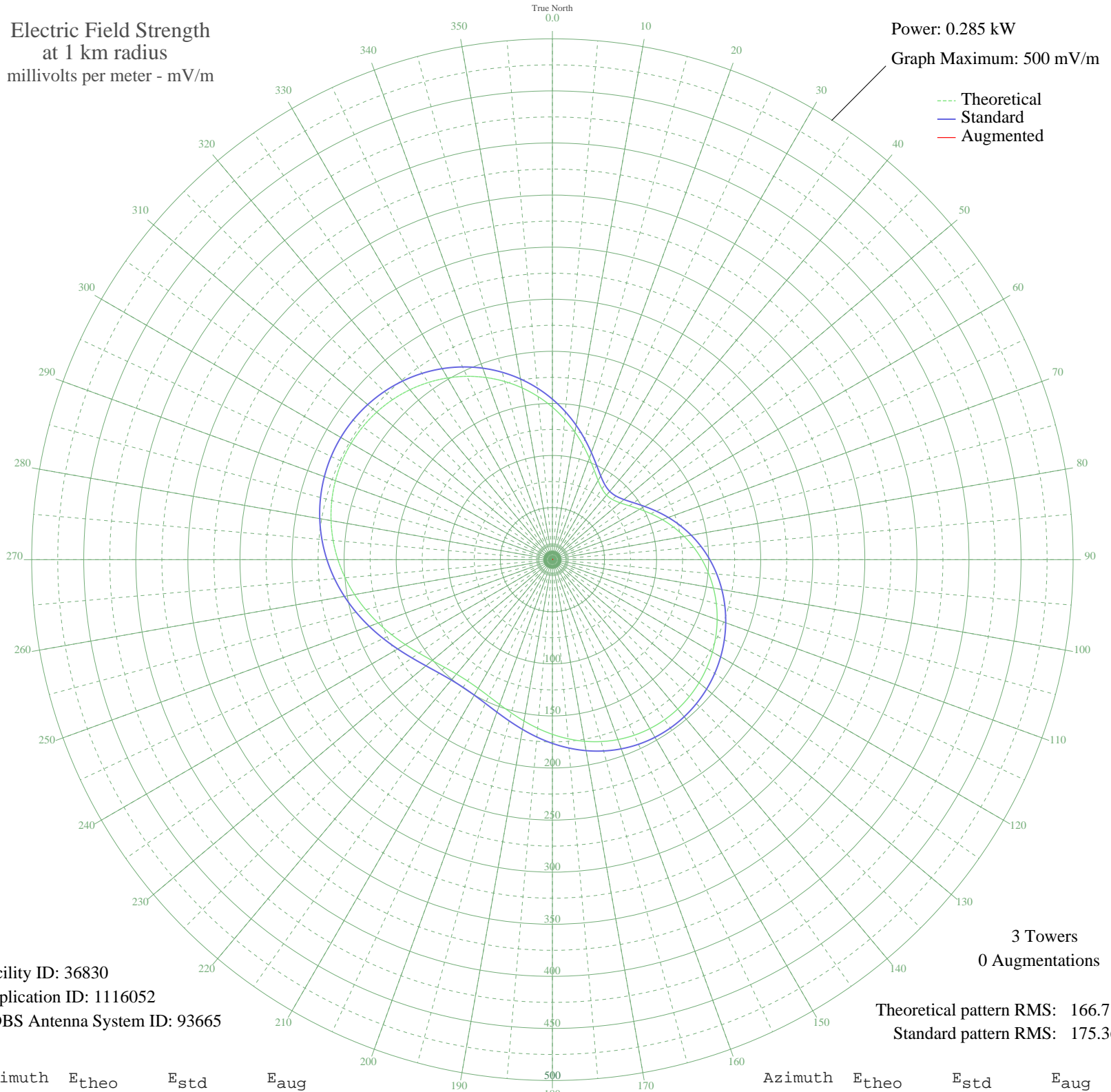


KSDT REDLANDS, CA BMJP-20051031ACO 1320 kHz

Nighttime

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

Power: 0.285 kW
Graph Maximum: 500 mV/m



Facility ID: 36830
Application ID: 1116052
CDBS Antenna System ID: 93665

3 Towers
0 Augmentations
Theoretical pattern RMS: 166.71
Standard pattern RMS: 175.36

Azimuth	E _{theo}	E _{std}	E _{aug}
0	146.39	154.07	
5	135.40	142.56	
10	124.40	131.04	
15	113.70	119.85	
20	103.70	109.40	
25	94.89	100.19	
30	87.82	92.80	
35	83.03	87.81	
40	80.94	85.63	
45	81.64	86.36	
50	84.88	89.74	
55	90.14	95.23	
60	96.82	102.20	
65	104.37	110.10	
70	112.37	118.45	
75	120.48	126.94	
80	128.48	135.31	
85	136.22	143.42	
90	143.60	151.14	
95	150.54	158.41	
100	157.00	165.19	
105	162.96	171.43	
110	168.36	177.09	
115	173.19	182.15	
120	177.40	186.57	
125	180.96	190.30	
130	183.81	193.29	
135	185.91	195.49	
140	187.21	196.85	
145	187.67	197.33	
150	187.25	196.90	
155	185.96	195.54	
160	183.79	193.27	
165	180.79	190.12	
170	177.01	186.16	
175	172.59	181.52	

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.

Azimuth	E _{theo}	E _{std}	E _{aug}
180	167.67	176.37	
185	162.47	170.92	
190	157.25	165.44	
195	152.30	160.26	
200	147.99	155.74	
205	144.66	152.25	
210	142.62	150.12	
215	142.14	149.62	
220	143.35	150.88	
225	146.23	153.90	
230	150.65	158.53	
235	156.36	164.51	
240	163.03	171.50	
245	170.33	179.16	
250	177.94	187.13	
255	185.55	195.11	
260	192.89	202.81	
265	199.76	210.01	
270	205.95	216.51	
275	211.34	222.16	
280	215.82	226.85	
285	219.29	230.49	
290	221.70	233.02	
295	223.02	234.40	
300	223.22	234.62	
305	222.30	233.65	
310	220.26	231.52	
315	217.13	228.23	
320	212.91	223.81	
325	207.65	218.29	
330	201.38	211.71	
335	194.16	204.13	
340	186.03	195.61	
345	177.08	186.23	
350	167.41	176.09	
355	157.13	165.32	

14 Nov 2009

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Federal Communications Commission