

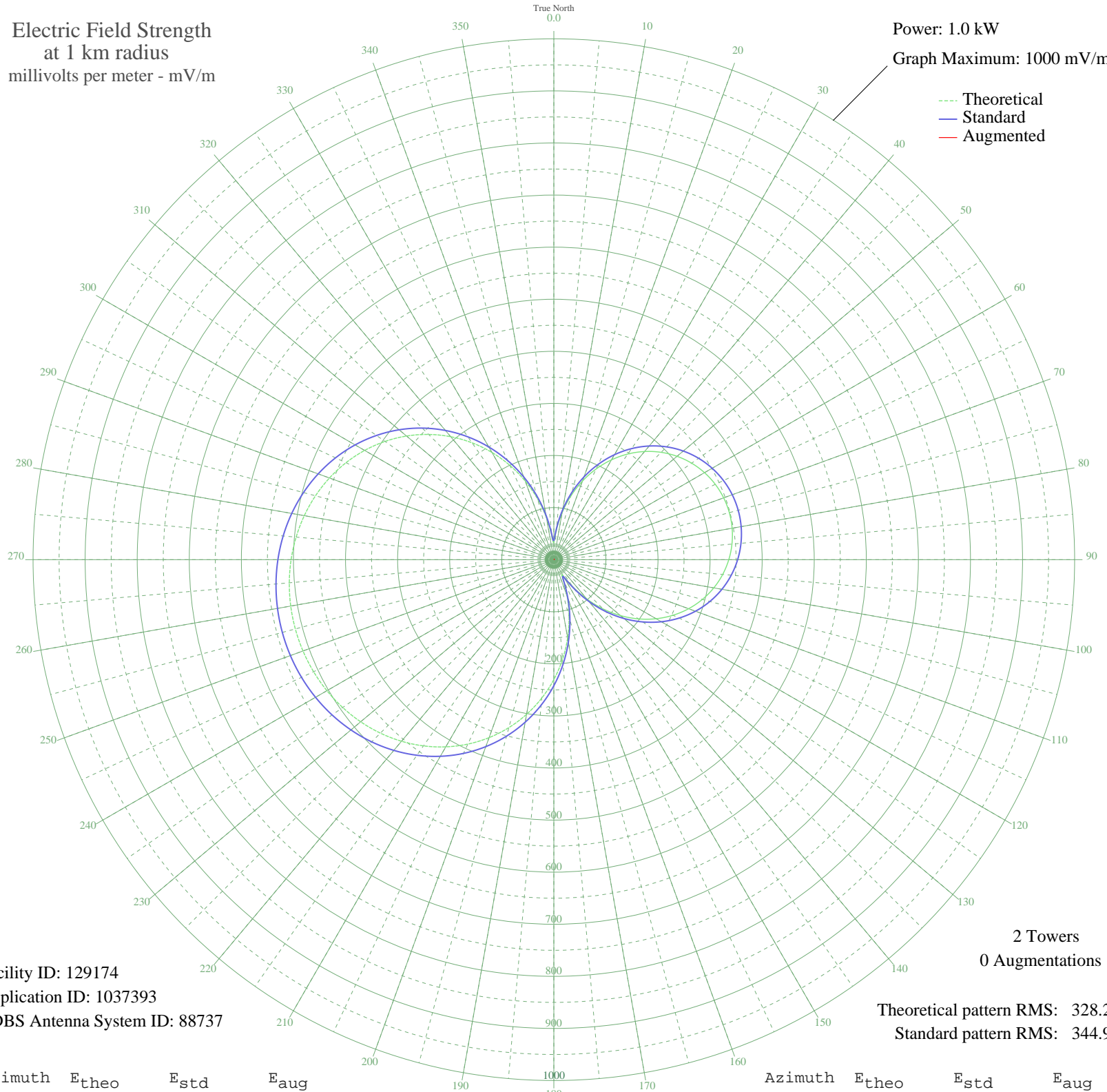
# KJPR SHASTA LAKE CITY, CA BL-20040719AEL 1330 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 129174  
Application ID: 1037393  
CDBS Antenna System ID: 88737

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 328.20  
Standard pattern RMS: 344.90

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	33.08	36.76	
5	57.18	61.24	
10	91.65	96.98	
15	126.74	133.62	
20	160.48	168.93	
25	192.11	202.08	
30	221.25	232.62	
35	247.62	260.28	
40	271.06	284.87	
45	291.47	306.28	
50	308.79	324.45	
55	323.00	339.37	
60	334.10	351.01	
65	342.10	359.41	
70	347.01	364.56	
75	348.85	366.49	
80	347.63	365.21	
85	343.33	360.70	
90	335.95	352.95	
95	325.47	341.96	
100	311.88	327.70	
105	295.18	310.17	
110	275.39	289.41	
115	252.54	265.44	
120	226.75	238.39	
125	198.15	208.41	
130	166.99	175.75	
135	133.63	140.83	
140	98.72	104.35	
145	63.81	68.07	
150	35.73	39.40	
155	41.10	44.80	
160	74.15	78.78	
165	112.86	119.11	
170	152.56	160.64	
175	191.91	201.87	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	230.18	241.99	
185	266.84	280.45	
190	301.51	316.81	
195	333.85	350.75	
200	363.64	382.01	
205	390.72	410.43	
210	415.00	435.91	
215	436.45	458.43	
220	455.10	478.00	
225	471.00	494.69	
230	484.24	508.59	
235	494.92	519.81	
240	503.15	528.44	
245	509.01	534.60	
250	512.58	538.35	
255	513.92	539.75	
260	513.03	538.81	
265	509.91	535.54	
270	504.51	529.87	
275	496.76	521.74	
280	486.58	511.05	
285	473.85	497.69	
290	458.49	481.57	
295	440.40	462.58	
300	419.52	440.66	
305	395.80	415.76	
310	369.27	387.92	
315	340.01	357.22	
320	308.17	323.80	
325	273.95	287.90	
330	237.65	249.83	
335	199.67	210.00	
340	160.49	168.94	
345	120.78	127.39	
350	81.69	86.61	
355	46.65	50.43	

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