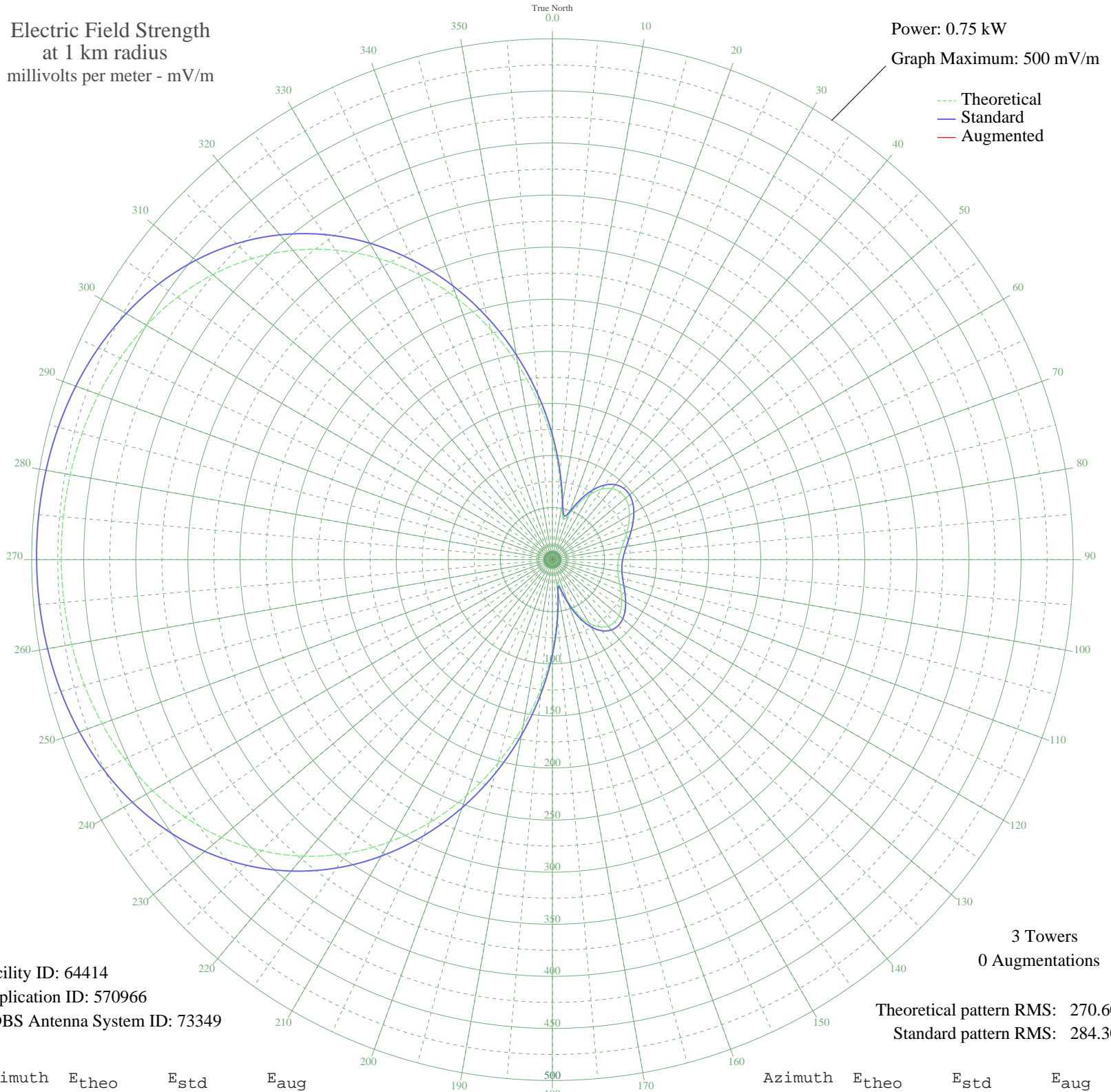


KCNR SHASTA, CA BL-20010612AHZ 1460 kHz

Nighttime

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

Power: 0.75 kW
Graph Maximum: 500 mV/m



Facility ID: 64414
Application ID: 570966
CDBS Antenna System ID: 73349

Theoretical pattern RMS: 270.60
Standard pattern RMS: 284.30

Azimuth	E _{theo}	E _{std}	E _{aug}
0	113.62	119.76	
5	79.67	84.31	
10	52.76	56.38	
15	40.26	43.56	
20	46.13	49.56	
25	59.70	63.56	
30	72.71	77.07	
35	82.61	87.37	
40	88.86	93.89	
45	91.67	96.82	
50	91.56	96.71	
55	89.23	94.28	
60	85.40	90.28	
65	80.77	85.46	
70	75.98	80.47	
75	71.54	75.85	
80	67.82	71.98	
85	65.08	69.14	
90	63.46	67.45	
95	63.03	67.01	
100	63.82	67.83	
105	65.79	69.87	
110	68.80	73.00	
115	72.57	76.92	
120	76.67	81.19	
125	80.52	85.19	
130	83.42	88.22	
135	84.60	89.45	
140	83.29	88.08	
145	78.75	83.35	
150	70.40	74.66	
155	57.94	61.74	
160	41.78	45.11	
165	25.51	28.77	
170	27.38	30.61	
175	52.76	56.39	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	86.28	91.21	
185	123.49	130.08	
190	162.57	171.02	
195	202.18	212.55	
200	241.09	253.36	
205	278.25	292.35	
210	312.78	328.59	
215	344.01	361.36	
220	371.51	390.23	
225	395.10	414.99	
230	414.79	435.66	
235	430.78	452.44	
240	443.40	465.69	
245	453.07	475.84	
250	460.23	483.35	
255	465.31	488.69	
260	468.71	492.25	
265	470.74	494.38	
270	471.60	495.30	
275	471.41	495.10	
280	470.15	493.76	
285	467.66	491.16	
290	463.72	487.01	
295	457.97	480.98	
300	450.01	472.62	
305	439.39	461.48	
310	425.69	447.10	
315	408.50	429.06	
320	387.55	407.06	
325	362.69	380.97	
330	333.98	350.83	
335	301.70	316.96	
340	266.38	279.89	
345	228.78	240.45	
350	189.93	199.70	
355	151.04	158.94	

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission