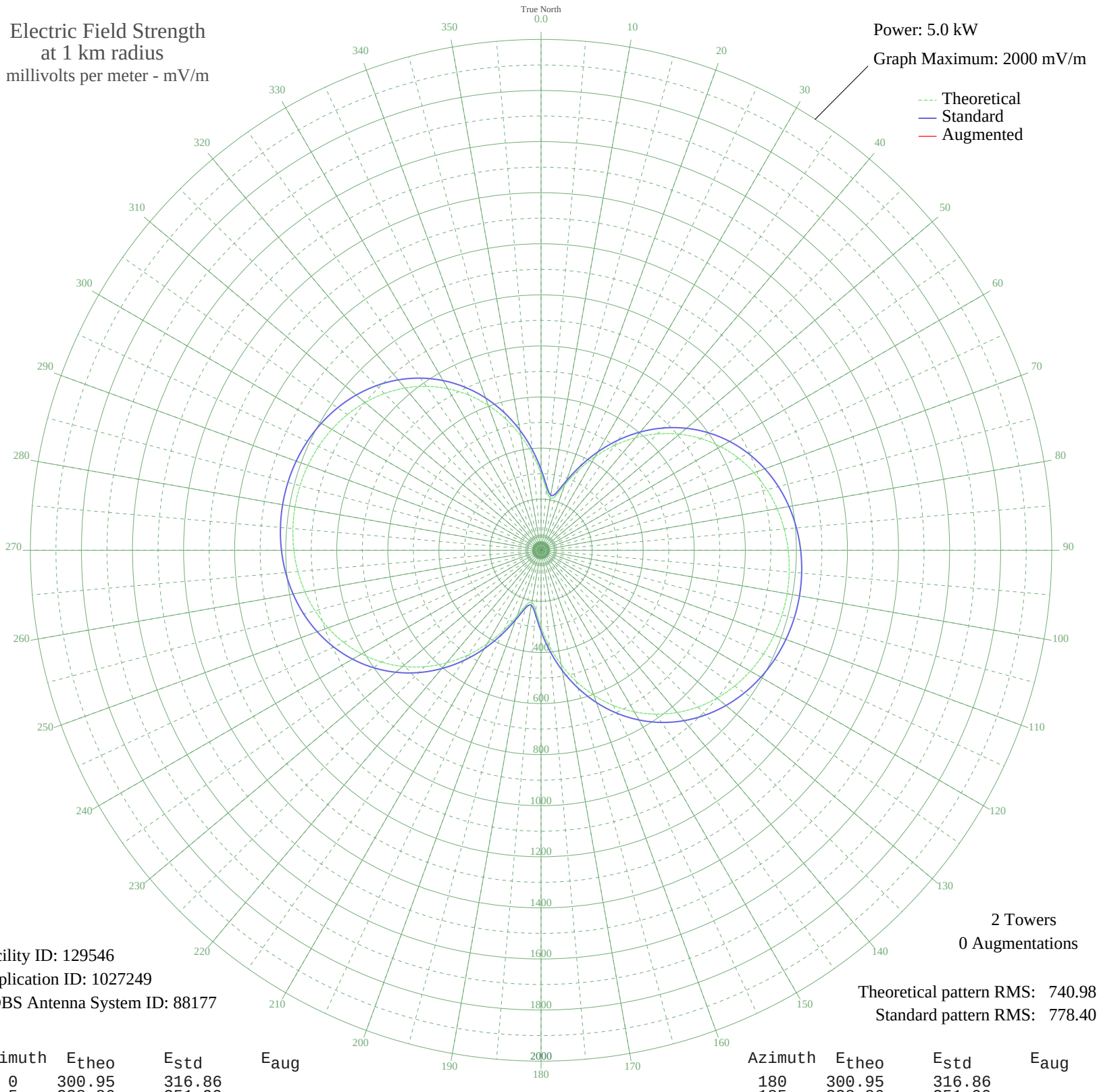
KEWA EWA BEACH, HI BNP-20001023ACY 1320 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 129546
Application ID: 1027249
CDBS Antenna System ID: 88177

Theoretical pattern RMS: 740.98
Standard pattern RMS: 778.40

Azimuth	E_{theo}	E_{std}	E_{aug}
0	300.95	316.86	
5	238.86	251.90	
10	207.12	218.74	
15	221.34	233.59	
20	273.77	288.41	
25	345.18	363.20	
30	423.00	444.77	
35	500.81	526.38	
40	575.25	604.47	
45	644.40	677.03	
50	707.16	742.89	
55	762.95	801.44	
60	811.59	852.49	
65	853.16	896.12	
70	887.95	932.64	
75	916.37	962.48	
80	938.89	986.12	
85	955.98	1004.06	
90	968.08	1016.76	
95	975.53	1024.57	
100	978.55	1027.75	
105	977.26	1026.39	
110	971.60	1020.45	
115	961.40	1009.74	
120	946.35	993.95	
125	926.06	972.65	
130	900.06	945.35	
135	867.87	911.57	
140	829.05	870.82	
145	783.26	822.76	
150	730.33	767.20	
155	670.31	704.22	
160	603.63	634.24	
165	531.12	558.18	
170	454.36	477.65	
175	375.99	395.49	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	300.95	316.86	
185	238.86	251.90	
190	207.12	218.74	
195	221.34	233.59	
200	273.77	288.41	
205	345.18	363.20	
210	423.00	444.77	
215	500.81	526.38	
220	575.25	604.47	
225	644.40	677.03	
230	707.16	742.89	
235	762.95	801.44	
240	811.59	852.49	
245	853.16	896.12	
250	887.95	932.64	
255	916.37	962.48	
260	938.89	986.12	
265	955.98	1004.06	
270	968.08	1016.76	
275	975.53	1024.57	
280	978.55	1027.75	
285	977.26	1026.39	
290	971.60	1020.45	
295	961.40	1009.74	
300	946.35	993.95	
305	926.06	972.65	
310	900.06	945.35	
315	867.87	911.56	
320	829.05	870.82	
325	783.26	822.76	
330	730.33	767.20	
335	670.31	704.22	
340	603.62	634.24	
345	531.12	558.17	
350	454.35	477.65	
355	375.99	395.49	

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