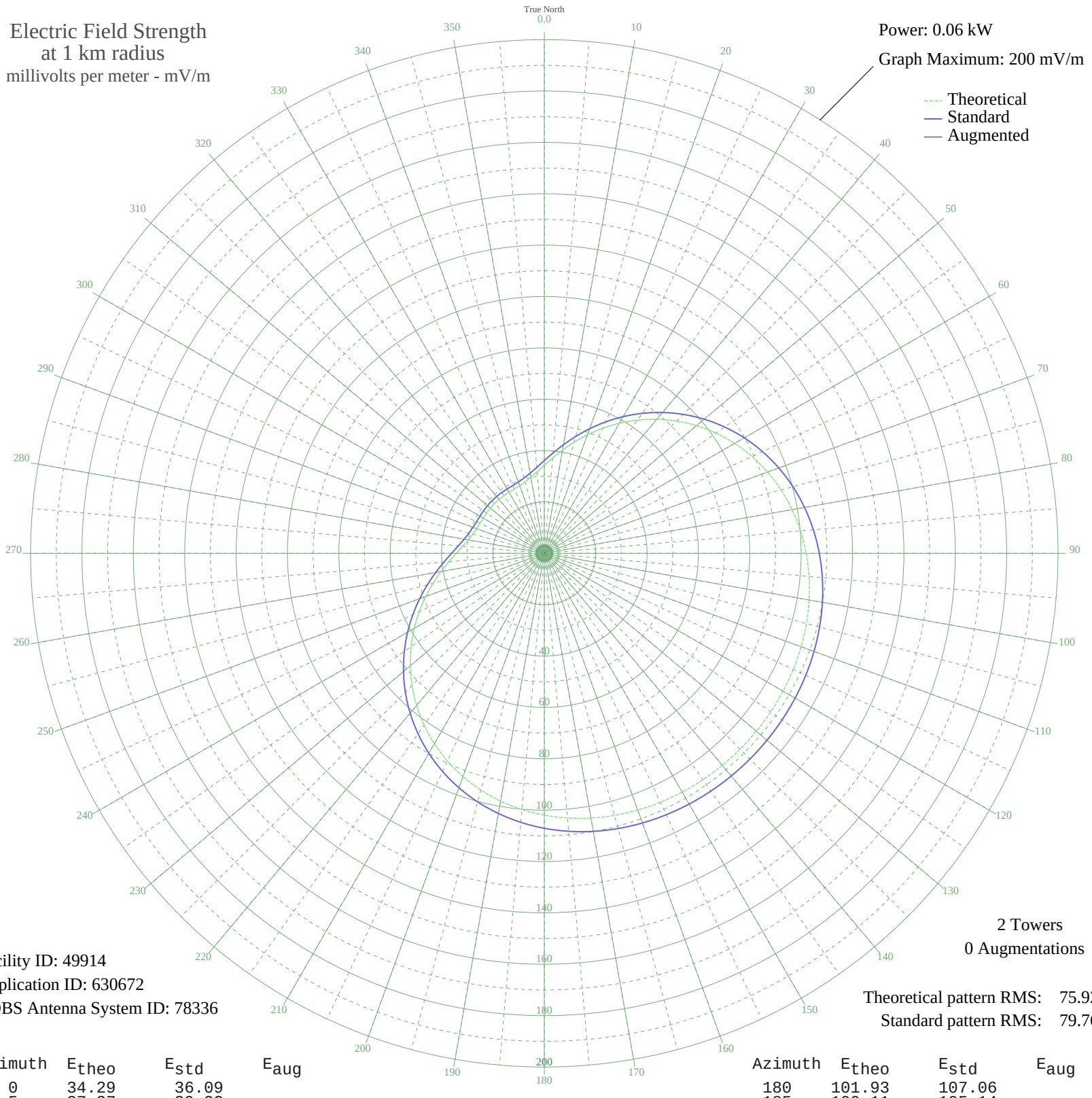
KICE BEND, OR BL-20020920ADV 940 kHz

Nighttime

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



Power: 0.06 kW

Graph Maximum: 200 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 49914
Application ID: 630672
CDBS Antenna System ID: 78336

Theoretical pattern RMS: 75.92
Standard pattern RMS: 79.76

Azimuth	E_{theo}	E_{std}	E_{aug}
0	34.29	36.09	
5	37.27	39.22	
10	40.78	42.90	
15	44.76	47.07	
20	49.10	51.62	
25	53.70	56.44	
30	58.47	61.44	
35	63.30	66.52	
40	68.11	71.56	
45	72.81	76.49	
50	77.33	81.23	
55	81.60	85.72	
60	85.57	89.89	
65	89.21	93.71	
70	92.49	97.15	
75	95.40	100.20	
80	97.93	102.86	
85	100.11	105.14	
90	101.93	107.06	
95	103.44	108.65	
100	104.67	109.93	
105	105.64	110.95	
110	106.38	111.73	
115	106.94	112.32	
120	107.35	112.74	
125	107.62	113.03	
130	107.77	113.19	
135	107.82	113.24	
140	107.77	113.19	
145	107.62	113.03	
150	107.35	112.74	
155	106.94	112.32	
160	106.38	111.73	
165	105.64	110.95	
170	104.67	109.93	
175	103.44	108.65	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	101.93	107.06	
185	100.11	105.14	
190	97.93	102.86	
195	95.40	100.20	
200	92.49	97.15	
205	89.21	93.71	
210	85.57	89.89	
215	81.60	85.72	
220	77.33	81.23	
225	72.81	76.49	
230	68.11	71.56	
235	63.30	66.52	
240	58.47	61.44	
245	53.70	56.44	
250	49.10	51.62	
255	44.76	47.07	
260	40.78	42.90	
265	37.27	39.22	
270	34.29	36.09	
275	31.89	33.58	
280	30.08	31.68	
285	28.82	30.37	
290	28.04	29.55	
295	27.61	29.11	
300	27.43	28.92	
305	27.39	28.87	
310	27.39	28.88	
315	27.40	28.89	
320	27.39	28.88	
325	27.39	28.87	
330	27.43	28.92	
335	27.61	29.11	
340	28.04	29.55	
345	28.82	30.37	
350	30.08	31.68	
355	31.89	33.58	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission