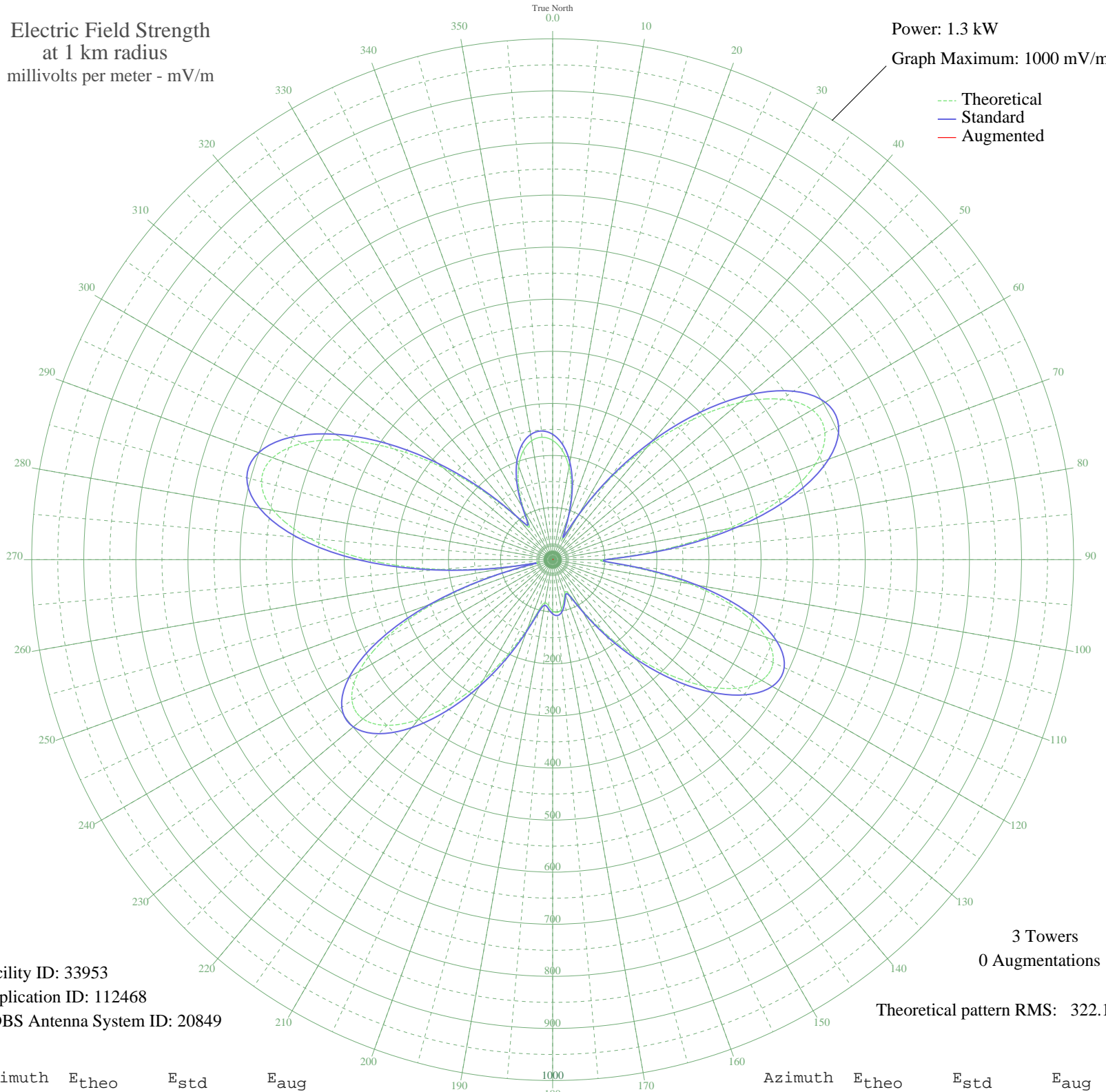


# KENN FARMINGTON, NM BL-19880518AD 1390 kHz

Nighttime

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

Power: 1.3 kW  
Graph Maximum: 1000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 33953  
Application ID: 112468  
CDBS Antenna System ID: 20849

3 Towers  
0 Augmentations

Theoretical pattern RMS: 322.10

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	228.96	240.71	
5	210.75	221.61	
10	180.64	190.05	
15	138.23	145.63	
20	84.98	90.03	
25	42.85	46.55	
30	94.02	99.45	
35	183.98	193.55	
40	282.76	297.14	
45	380.85	400.07	
50	468.90	492.49	
55	536.94	563.91	
60	575.41	604.30	
65	576.71	605.67	
70	536.79	563.76	
75	456.45	479.42	
80	342.22	359.54	
85	208.18	218.91	
90	96.92	102.47	
95	149.33	157.25	
100	267.80	281.44	
105	368.19	386.79	
110	435.79	457.73	
115	466.90	490.39	
120	463.34	486.66	
125	430.61	452.30	
130	376.38	395.38	
135	309.14	324.82	
140	237.12	249.26	
145	167.93	176.73	
150	109.25	115.34	
155	72.13	76.68	
160	67.99	72.39	
165	82.80	87.76	
170	96.41	101.93	
175	101.87	107.63	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	98.43	104.04	
185	89.23	94.46	
190	83.96	88.96	
195	98.83	104.46	
200	139.70	147.18	
205	198.67	208.95	
210	267.02	280.62	
215	337.06	354.12	
220	400.85	421.07	
225	449.87	472.52	
230	475.56	499.48	
235	470.41	494.08	
240	429.28	450.90	
245	350.71	368.44	
250	237.95	250.14	
255	100.26	105.95	
260	64.86	69.14	
265	215.62	226.72	
270	355.66	373.63	
275	468.49	492.06	
280	544.38	571.72	
285	578.66	607.71	
290	571.88	600.60	
295	529.08	555.67	
300	458.52	481.60	
305	370.16	388.85	
310	274.32	288.29	
315	181.33	190.77	
320	104.77	110.66	
325	77.00	81.73	
330	109.90	116.02	
335	154.17	162.32	
340	190.96	200.87	
345	216.99	228.15	
350	231.91	243.80	
355	235.90	247.99	

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.

28 Sep 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission