

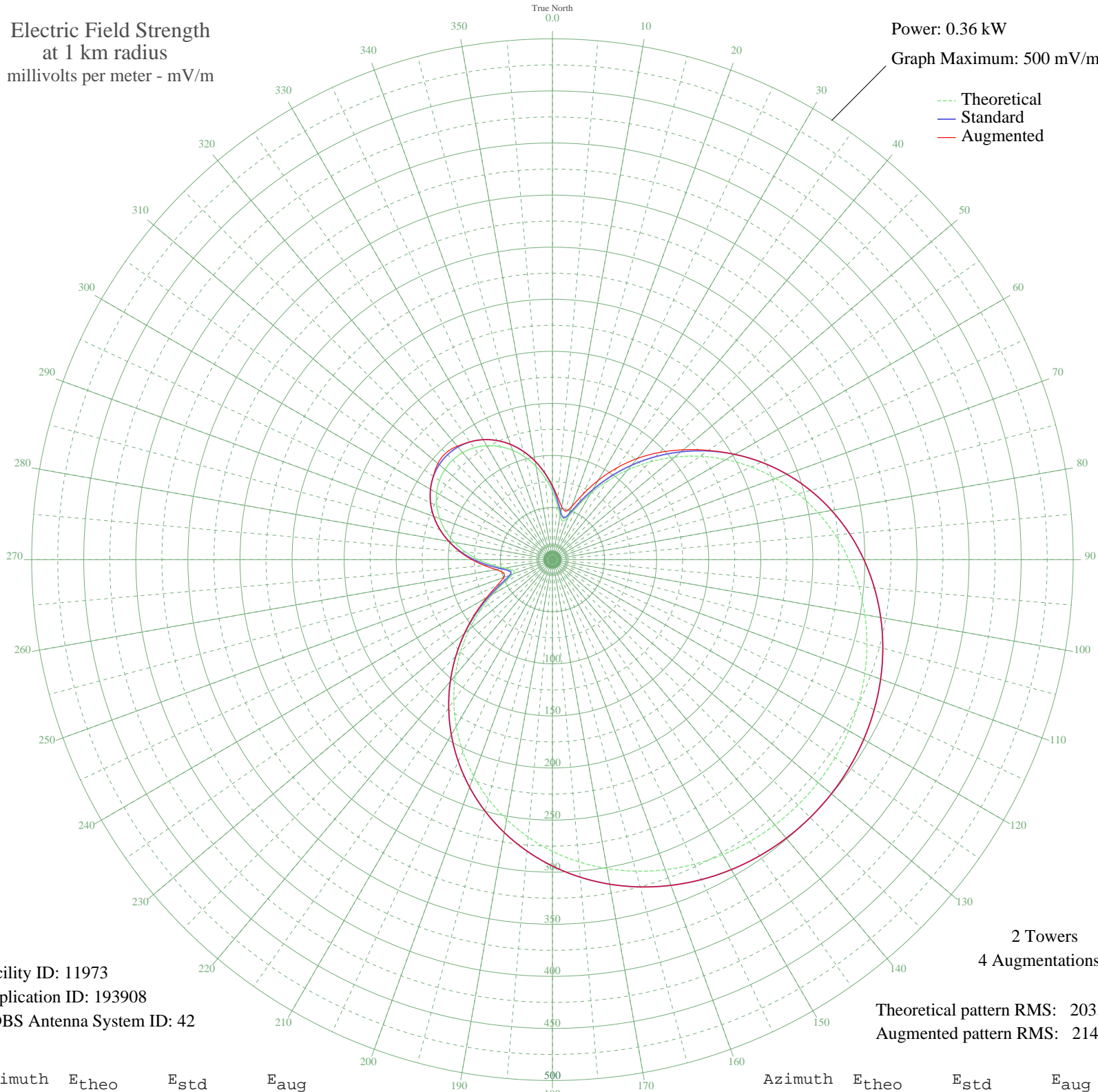
WMIZ VINELAND, NJ BL-19940118AB 1270 kHz

Daytime

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

Power: 0.36 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 11973  
Application ID: 193908  
CDBS Antenna System ID: 42

2 Towers  
4 Augmentations

Theoretical pattern RMS: 203.47  
Augmented pattern RMS: 214.49

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	65.80	69.88	71.03
5	53.15	56.78	59.88
10	42.73	46.07	51.53
15	38.34	41.61	48.28
20	43.37	46.73	54.32
25	56.16	59.89	69.15
30	73.17	77.55	87.77
35	92.27	97.45	107.37
40	112.33	118.41	126.79
45	132.74	139.77	145.56
50	153.07	161.07	164.07
55	172.99	181.94	182.86
60	192.25	202.13	202.16
65	210.63	221.41	221.41
70	227.96	239.59	239.59
75	244.11	256.53	256.53
80	258.98	272.13	272.13
85	272.49	286.31	286.31
90	284.62	299.03	299.03
95	295.34	310.28	310.28
100	304.66	320.06	320.06
105	312.60	328.40	328.40
110	319.19	335.32	335.32
115	324.48	340.87	340.87
120	328.50	345.08	345.08
125	331.27	347.99	347.99
130	332.83	349.63	349.63
135	333.19	350.00	350.00
140	332.35	349.12	349.12
145	330.31	346.98	346.98
150	327.04	343.55	343.55
155	322.52	338.81	338.81
160	316.72	332.72	332.72
165	309.59	325.23	325.23
170	301.10	316.33	316.33
175	291.22	305.96	305.96

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	279.94	294.12	294.12
185	267.25	280.81	280.81
190	253.19	266.06	266.06
195	237.80	249.91	249.91
200	221.17	232.46	232.46
205	203.40	213.82	213.82
210	184.64	194.16	194.16
215	165.09	173.66	173.66
220	144.97	152.58	152.60
225	124.57	131.22	131.43
230	104.24	109.95	110.66
235	84.47	89.31	90.90
240	66.03	70.12	73.04
245	50.36	53.91	58.58
250	40.22	43.52	49.83
255	39.08	42.35	48.87
260	46.43	49.86	55.04
265	58.08	61.89	65.36
270	70.99	75.27	77.33
275	83.69	88.49	89.52
280	95.49	100.81	101.17
285	106.03	111.82	111.87
290	115.11	121.32	121.32
295	122.59	129.14	129.14
300	128.39	135.22	135.22
305	132.46	139.48	139.67
310	134.77	141.90	143.57
315	135.31	142.46	144.76
320	134.06	141.16	142.17
325	131.04	138.00	138.00
330	126.27	133.00	133.00
335	119.79	126.22	126.22
340	111.66	117.71	117.71
345	101.98	107.59	107.59
350	90.90	96.02	96.02
355	78.69	83.28	83.43