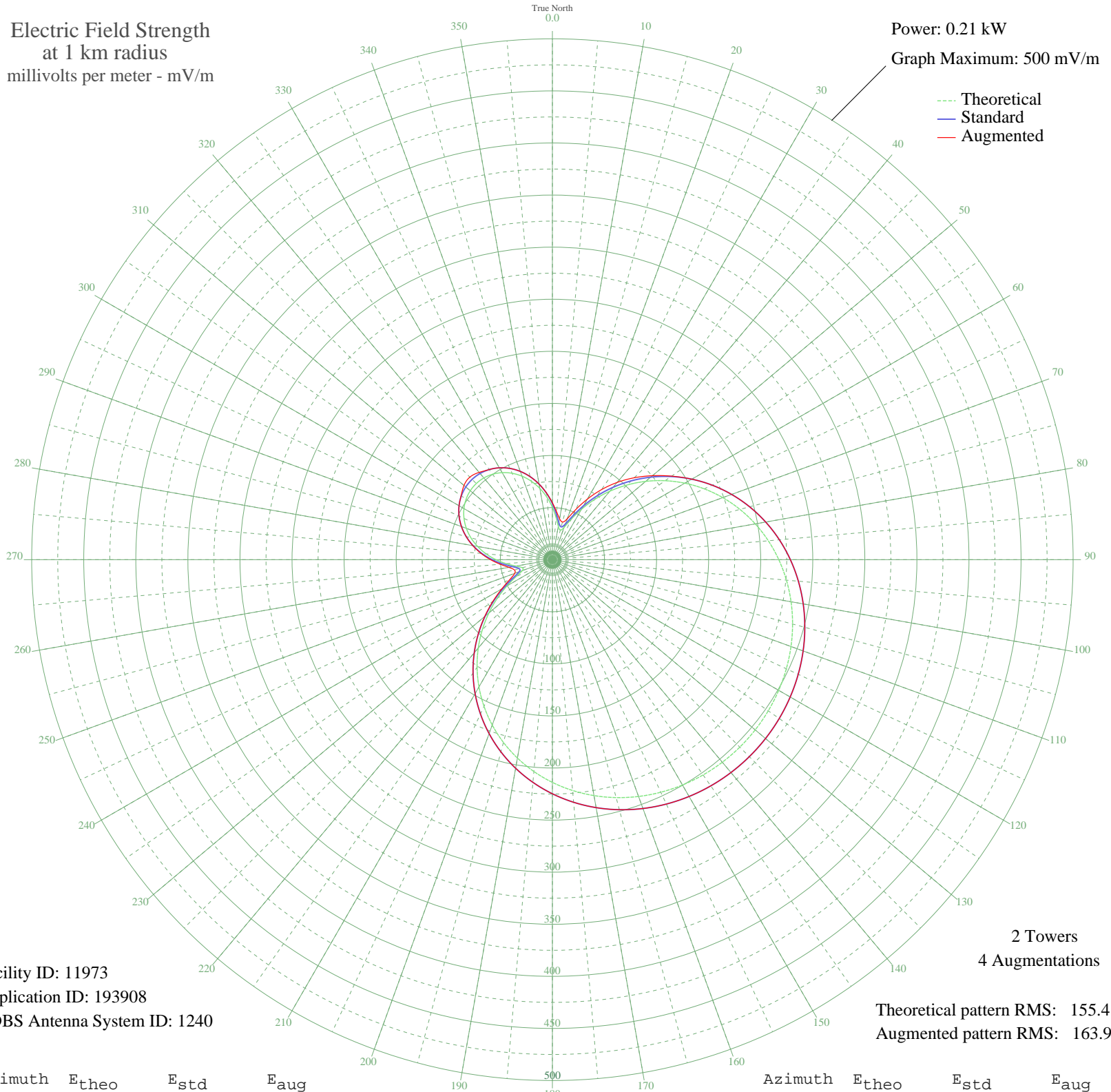


WMIZ VINELAND, NJ BL-19940118AB 1270 kHz

Nighttime

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

Power: 0.21 kW
Graph Maximum: 500 mV/m



Facility ID: 11973
Application ID: 193908
CDBS Antenna System ID: 1240

2 Towers
4 Augmentations

Theoretical pattern RMS: 155.41
Augmented pattern RMS: 163.98

Azimuth	E _{theo}	E _{std}	E _{aug}
0	50.25	53.80	54.65
5	40.59	43.90	46.16
10	32.63	35.84	39.82
15	29.29	32.50	37.35
20	33.12	36.33	41.86
25	42.89	46.24	52.99
30	55.89	59.62	67.08
35	70.47	74.74	81.98
40	85.80	90.70	96.82
45	101.39	106.97	111.20
50	116.91	123.21	125.40
55	132.13	139.13	139.80
60	146.84	154.54	154.56
65	160.88	169.25	169.25
70	174.12	183.13	183.13
75	186.45	196.06	196.06
80	197.81	207.96	207.96
85	208.13	218.79	218.79
90	217.39	228.50	228.50
95	225.58	237.09	237.09
100	232.70	244.56	244.56
105	238.76	250.92	250.92
110	243.80	256.21	256.21
115	247.84	260.44	260.44
120	250.90	263.66	263.66
125	253.02	265.88	265.88
130	254.21	267.13	267.13
135	254.49	267.42	267.42
140	253.85	266.75	266.75
145	252.29	265.11	265.11
150	249.79	262.49	262.49
155	246.34	258.87	258.87
160	241.91	254.22	254.22
165	236.46	248.51	248.51
170	229.98	241.70	241.70
175	222.43	233.79	233.79

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 _{theo}	E _{std}	E _{aug}
180	213.82	224.75	224.75
185	204.13	214.59	214.59
190	193.39	203.33	203.33
195	181.63	191.00	191.00
200	168.93	177.68	177.68
205	155.35	163.46	163.46
210	141.03	148.45	148.45
215	126.09	132.82	132.82
220	110.73	116.74	116.75
225	95.14	100.45	100.61
230	79.61	84.25	84.78
235	64.51	68.55	69.72
240	50.43	53.99	56.13
245	38.46	41.73	45.15
250	30.72	33.92	38.52
255	29.85	33.05	37.80
260	35.46	38.68	42.46
265	44.36	47.75	50.30
270	54.22	57.89	59.40
275	63.92	67.93	68.68
280	72.93	77.29	77.57
285	80.98	85.68	85.72
290	87.92	92.91	92.91
295	93.63	98.87	98.87
300	98.06	103.50	103.50
305	101.17	106.75	107.01
310	102.94	108.60	110.82
315	103.35	109.02	112.08
320	102.40	108.03	109.39
325	100.09	105.62	105.62
330	96.45	101.81	101.81
335	91.50	96.64	96.64
340	85.29	90.16	90.16
345	77.89	82.46	82.46
350	69.43	73.65	73.65
355	60.10	63.97	64.08