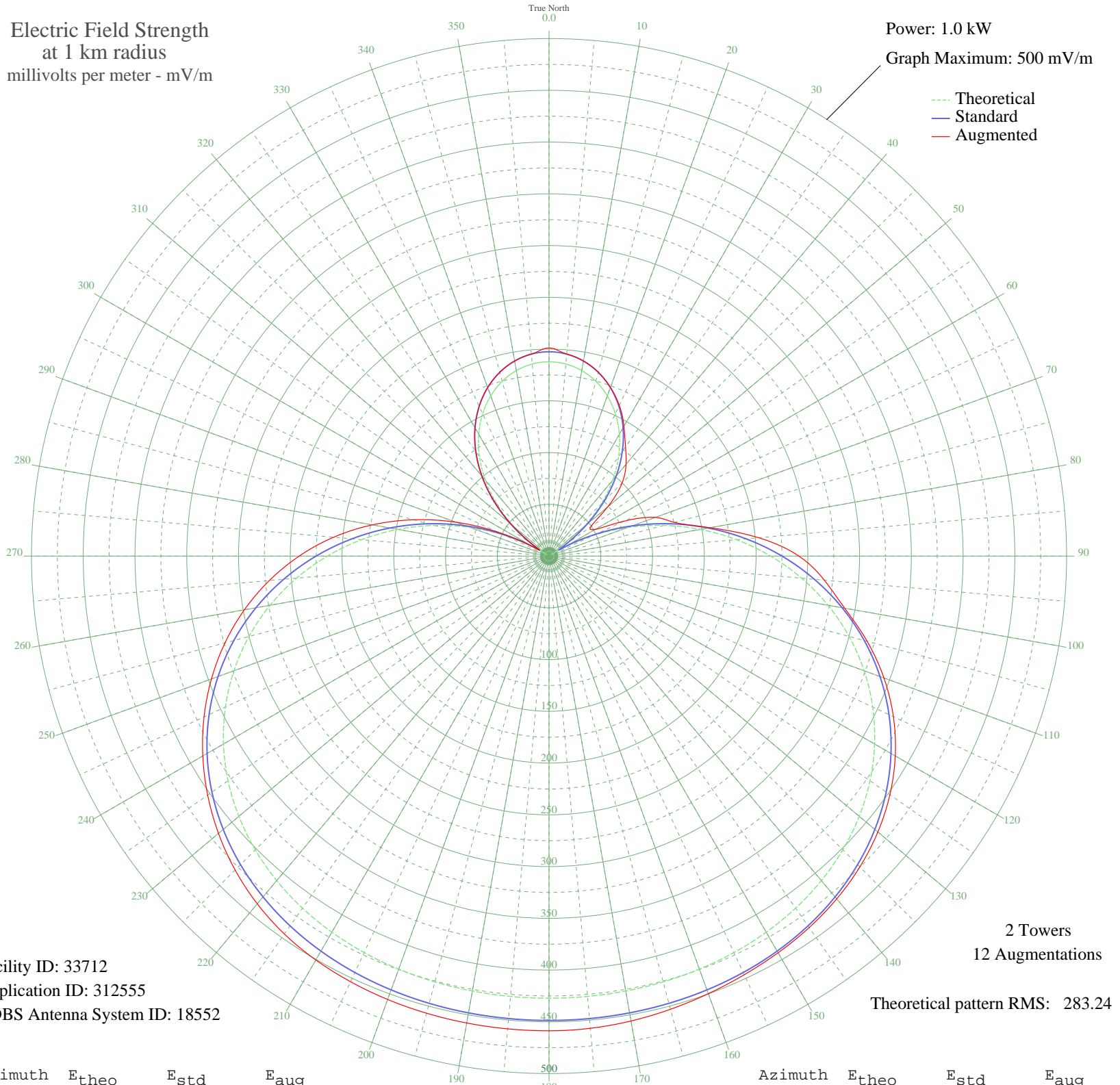


# WRAM MONMOUTH, IL BL-- 1330 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 33712  
Application ID: 312555  
CDBS Antenna System ID: 18552

2 Towers  
12 Augmentations

Theoretical pattern RMS: 283.24

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	187.72	197.39	201.17
5	186.29	195.88	195.88
10	181.99	191.37	191.37
15	174.80	183.84	183.84
20	164.72	173.28	173.37
25	151.74	159.67	160.64
30	135.86	143.04	144.76
35	117.12	123.42	128.85
40	95.59	100.92	115.70
45	71.40	75.70	99.78
50	44.73	48.13	74.06
55	15.84	19.67	48.91
60	14.94	18.88	51.50
65	47.24	50.70	79.67
70	80.59	85.26	109.29
75	114.48	120.66	125.56
80	148.40	156.17	157.79
85	181.78	191.16	203.32
90	214.11	225.06	241.40
95	244.89	257.35	266.96
100	273.67	287.55	290.02
105	300.11	315.29	318.19
110	323.93	340.29	344.32
115	344.97	362.37	367.07
120	363.15	381.46	386.24
125	378.52	397.58	402.01
130	391.19	410.88	414.71
135	401.36	421.56	424.69
140	409.29	429.88	432.36
145	415.27	436.16	438.18
150	419.62	440.73	442.57
155	422.66	443.92	446.30
160	424.68	446.04	449.93
165	425.95	447.37	453.31
170	426.69	448.15	456.12
175	427.07	448.54	458.00

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	427.18	448.66	458.66
185	427.07	448.54	458.52
190	426.69	448.15	458.09
195	425.95	447.37	457.26
200	424.68	446.04	455.88
205	422.66	443.92	453.76
210	419.62	440.73	450.62
215	415.27	436.16	445.77
220	409.29	429.88	438.55
225	401.36	421.56	428.90
230	391.19	410.88	416.87
235	378.52	397.58	402.60
240	363.15	381.46	386.24
245	344.97	362.37	367.76
250	323.93	340.29	347.07
255	300.11	315.29	324.12
260	273.67	287.55	298.86
265	244.89	257.35	271.26
270	214.11	225.06	241.40
275	181.78	191.16	208.93
280	148.40	156.17	173.51
285	114.48	120.66	135.54
290	80.58	85.26	95.79
295	47.24	50.70	55.51
300	14.94	18.88	18.88
305	15.84	19.67	19.67
310	44.73	48.13	48.13
315	71.40	75.70	75.70
320	95.59	100.92	100.92
325	117.12	123.42	123.42
330	135.86	143.04	143.04
335	151.74	159.67	159.67
340	164.72	173.28	173.28
345	174.80	183.84	183.84
350	181.99	191.37	191.37
355	186.29	195.88	195.88