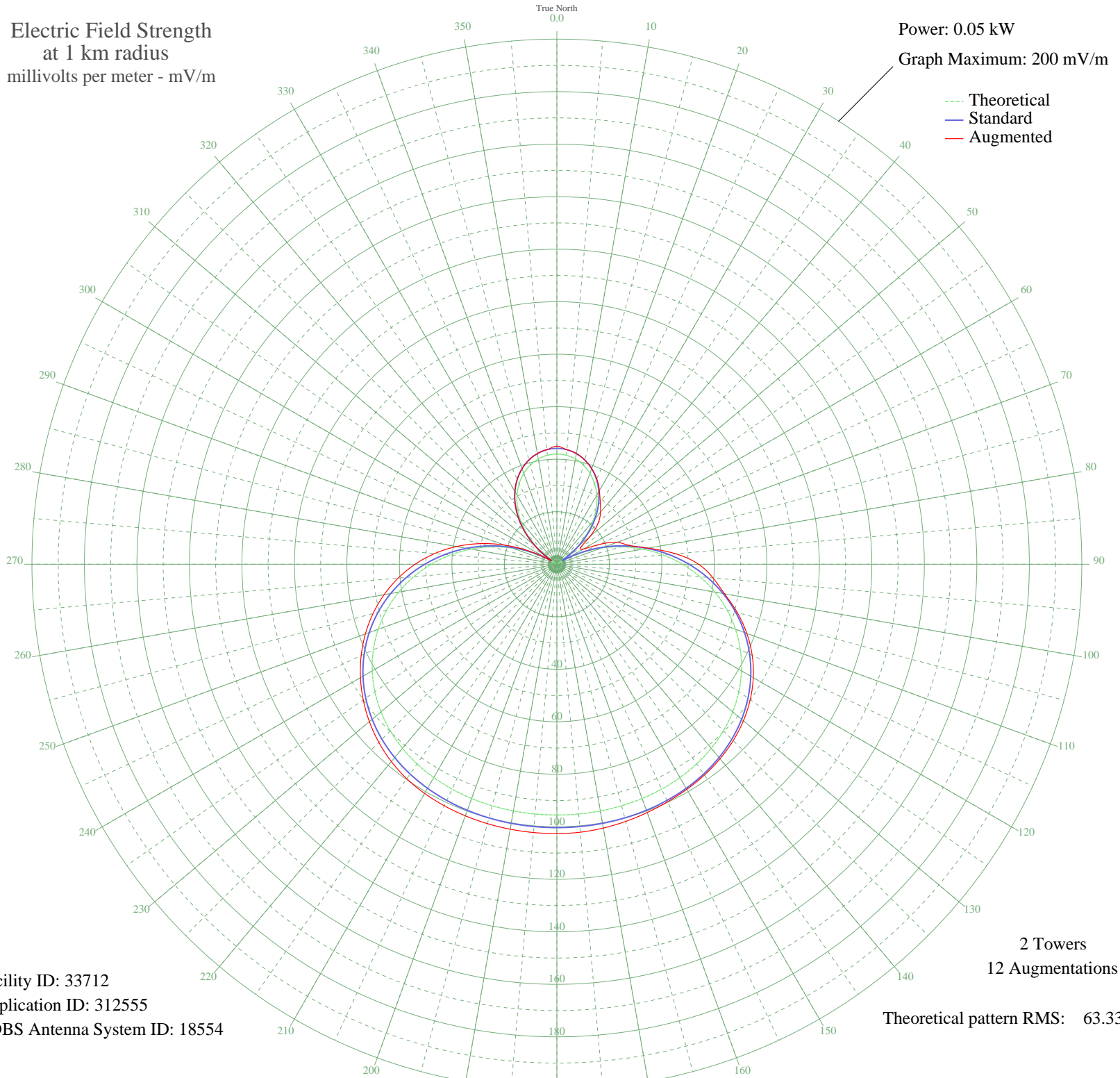


# WRAM MONMOUTH, IL BL-- 1330 kHz

Nighttime

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

Power: 0.05 kW  
Graph Maximum: 200 mV/m



Facility ID: 33712  
Application ID: 312555  
CDBS Antenna System ID: 18554

2 Towers  
12 Augmentations  
Theoretical pattern RMS: 63.33

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	41.97	44.13	45.00
5	41.65	43.80	43.80
10	40.69	42.79	42.79
15	39.08	41.11	41.11
20	36.83	38.74	38.77
25	33.93	35.70	35.94
30	30.38	31.98	32.40
35	26.19	27.60	28.83
40	21.37	22.56	25.87
45	15.96	16.93	22.30
50	10.00	10.76	16.55
55	3.54	4.40	10.92
60	3.34	4.22	11.50
65	10.56	11.34	17.82
70	18.02	19.06	24.45
75	25.60	26.98	28.08
80	33.18	34.92	35.28
85	40.65	42.74	45.48
90	47.87	50.32	54.00
95	54.75	57.54	59.71
100	61.19	64.29	64.86
105	67.10	70.50	71.17
110	72.43	76.09	77.02
115	77.13	81.02	82.11
120	81.20	85.29	86.40
125	84.63	88.90	89.92
130	87.47	91.87	92.77
135	89.74	94.26	95.00
140	91.51	96.12	96.72
145	92.85	97.52	98.02
150	93.82	98.54	99.00
155	94.50	99.26	99.83
160	94.95	99.73	100.65
165	95.24	100.03	101.40
170	95.40	100.20	102.03
175	95.49	100.29	102.45

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	95.51	100.32	102.60
185	95.49	100.29	102.57
190	95.40	100.20	102.47
195	95.24	100.03	102.28
200	94.95	99.73	101.98
205	94.50	99.26	101.50
210	93.82	98.54	100.80
215	92.85	97.52	99.71
220	91.51	96.12	98.10
225	89.74	94.26	95.94
230	87.47	91.87	93.25
235	84.63	88.90	90.06
240	81.20	85.29	86.40
245	77.13	81.02	82.27
250	72.43	76.09	77.64
255	67.10	70.50	72.50
260	61.19	64.29	66.85
265	54.75	57.54	60.68
270	47.87	50.32	54.00
275	40.64	42.74	46.74
280	33.18	34.92	38.82
285	25.60	26.98	30.33
290	18.02	19.06	21.43
295	10.56	11.34	12.42
300	3.34	4.22	4.22
305	3.54	4.40	4.40
310	10.00	10.76	10.76
315	15.96	16.93	16.93
320	21.37	22.56	22.56
325	26.19	27.60	27.60
330	30.38	31.98	31.98
335	33.93	35.70	35.70
340	36.83	38.74	38.74
345	39.08	41.11	41.11
350	40.69	42.79	42.79
355	41.65	43.80	43.80