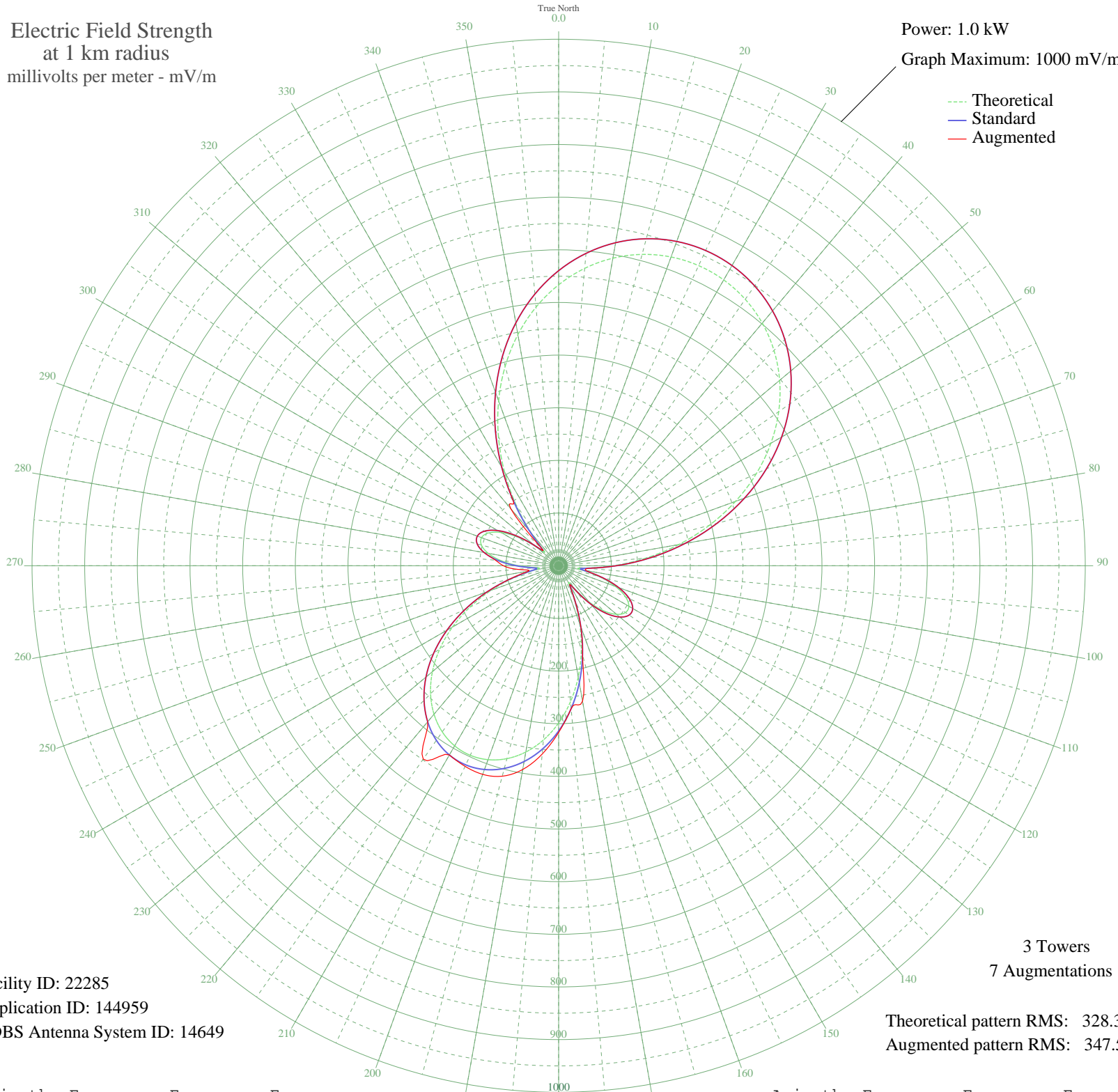


# WGL FORT WAYNE, IN BL-19900208AA 1250 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 22285  
Application ID: 144959  
CDBS Antenna System ID: 14649

3 Towers  
7 Augmentations

Theoretical pattern RMS: 328.31  
Augmented pattern RMS: 347.51

Azimuth	Etheo	Estd	Eaug
0	533.56	560.45	560.45
5	566.96	595.50	595.50
10	593.15	623.00	623.00
15	612.17	642.95	642.95
20	624.08	655.46	655.46
25	628.97	660.59	660.59
30	626.88	658.39	658.39
35	617.78	648.85	648.85
40	601.62	631.88	631.88
45	578.30	607.41	607.41
50	547.78	575.37	575.37
55	510.10	535.82	535.82
60	465.46	488.97	488.97
65	414.32	435.30	435.30
70	357.45	375.63	375.63
75	296.02	311.20	311.20
80	231.65	243.71	243.71
85	166.47	175.45	175.45
90	103.57	109.80	109.80
95	50.29	54.95	57.75
100	42.39	47.03	53.02
105	79.16	84.49	84.49
110	114.67	121.35	121.35
115	140.30	148.10	148.10
120	153.93	162.34	162.34
125	154.93	163.39	163.39
130	143.64	151.58	151.58
135	121.21	128.18	128.18
140	89.87	95.58	95.58
145	54.49	59.20	59.20
150	37.01	41.72	41.72
155	68.46	73.47	73.47
160	116.28	123.03	123.03
165	166.19	175.15	175.15
170	214.44	225.67	261.23
175	259.05	272.42	272.42

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.

09 Nov 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	298.65	313.95	316.60
185	332.30	349.24	359.13
190	359.33	377.60	393.00
195	379.33	398.58	413.83
200	392.02	411.90	421.69
205	397.26	417.40	420.44
210	395.01	415.04	415.04
215	385.29	404.84	448.30
220	368.19	386.90	386.90
225	343.93	361.45	361.45
230	312.87	328.86	328.86
235	275.55	289.72	289.72
240	232.81	244.92	244.92
245	185.82	195.70	195.70
250	136.27	143.89	143.89
255	86.91	92.52	93.64
260	45.31	49.94	57.98
265	42.58	47.22	78.43
270	75.71	80.93	104.96
275	109.57	116.05	120.35
280	135.91	143.51	143.51
285	151.84	160.16	160.16
290	155.85	164.34	164.34
295	147.25	155.36	155.36
300	126.27	133.45	133.45
305	94.29	100.16	100.16
310	55.77	60.50	60.50
315	38.07	42.77	42.77
320	80.27	85.64	141.47
325	140.80	148.62	149.69
330	205.53	216.34	216.34
335	270.52	284.45	284.45
340	333.35	350.34	350.34
345	392.20	412.09	412.09
350	445.75	468.28	468.28
355	493.06	517.94	517.94