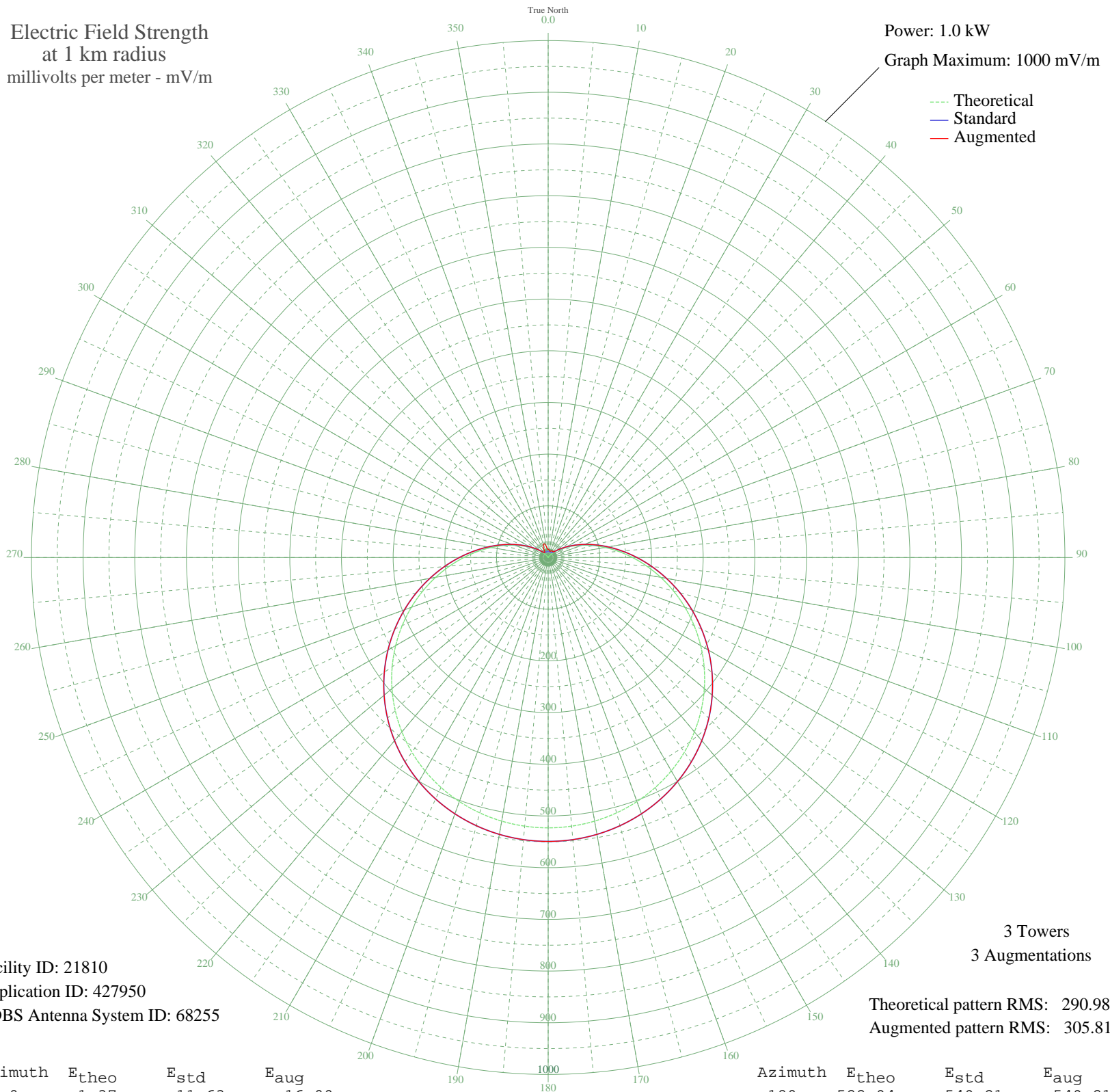


**WORL ALTAMONTE SPRINGS, FL BL-19991206ABU 660 kHz**

Unlimited Time

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 21810  
Application ID: 427950  
CDBS Antenna System ID: 68255

3 Towers  
3 Augmentations  
Theoretical pattern RMS: 290.98  
Augmented pattern RMS: 305.81

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1.37	11.63	16.00
5	1.44	11.64	15.44
10	1.61	11.66	14.01
15	1.77	11.69	12.49
20	1.76	11.69	12.82
25	1.36	11.63	14.24
30	0.30	11.54	14.98
35	1.75	11.68	14.73
40	5.10	12.72	14.34
45	10.10	15.68	15.95
50	17.08	21.32	21.32
55	26.30	29.93	29.93
60	38.02	41.56	41.56
65	52.40	56.22	56.22
70	69.51	73.89	73.89
75	89.32	94.49	94.49
80	111.72	117.87	117.87
85	136.47	143.75	143.75
90	163.24	171.79	171.79
95	191.65	201.56	201.56
100	221.20	232.55	232.55
105	251.41	264.23	264.23
110	281.74	296.05	296.05
115	311.68	327.47	327.47
120	340.74	357.96	357.96
125	368.48	387.07	387.07
130	394.52	414.40	414.40
135	418.55	439.63	439.63
140	440.34	462.50	462.50
145	459.70	482.82	482.82
150	476.53	500.49	500.49
155	490.77	515.44	515.44
160	502.40	527.65	527.65
165	511.41	537.11	537.11
170	517.83	543.84	543.84
175	521.67	547.87	547.87

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	522.94	549.21	549.21
185	521.67	547.87	547.87
190	517.83	543.84	543.84
195	511.41	537.11	537.11
200	502.40	527.65	527.65
205	490.77	515.44	515.44
210	476.53	500.49	500.49
215	459.70	482.82	482.82
220	440.34	462.50	462.50
225	418.55	439.63	439.63
230	394.52	414.40	414.40
235	368.48	387.07	387.07
240	340.74	357.96	357.96
245	311.68	327.47	327.47
250	281.74	296.05	296.05
255	251.41	264.23	264.23
260	221.20	232.55	232.55
265	191.65	201.56	201.56
270	163.24	171.79	171.79
275	136.47	143.75	143.75
280	111.72	117.87	117.87
285	89.32	94.49	94.49
290	69.51	73.89	73.89
295	52.40	56.22	56.22
300	38.02	41.56	41.56
305	26.30	29.93	29.93
310	17.08	21.32	21.32
315	10.10	15.68	15.68
320	5.10	12.72	12.72
325	1.75	11.68	11.68
330	0.30	11.54	13.23
335	1.36	11.63	21.16
340	1.76	11.69	26.83
345	1.77	11.69	27.16
350	1.61	11.66	22.56
355	1.44	11.64	16.74

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission