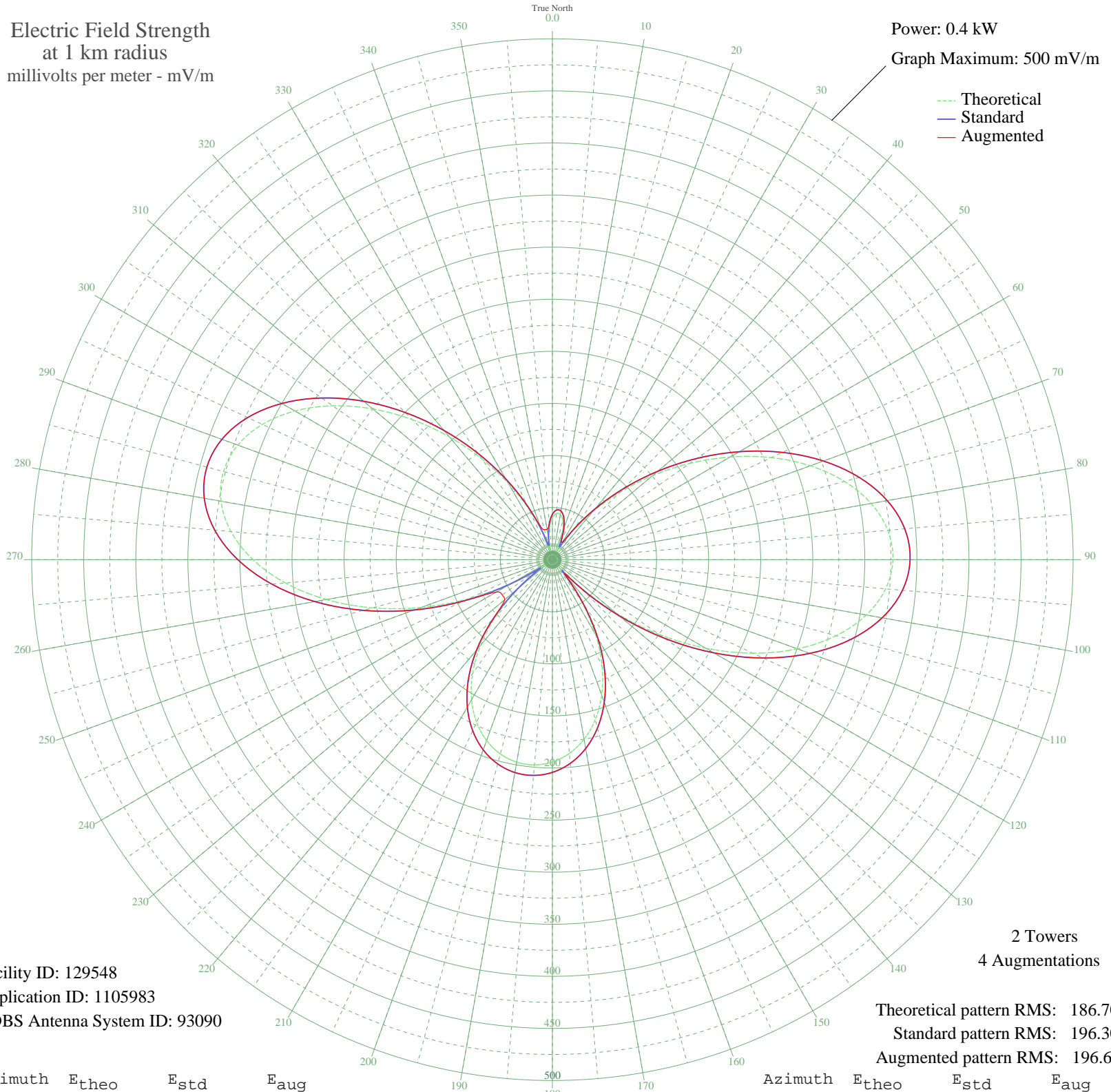


# WEUS ORLOVISTA, FL BL-20051215ABR 810 kHz

Nighttime

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

Power: 0.4 kW  
Graph Maximum: 500 mV/m



Facility ID: 129548  
Application ID: 1105983  
CDBS Antenna System ID: 93090

Theoretical pattern RMS: 186.70  
Standard pattern RMS: 196.30  
Augmented pattern RMS: 196.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	40.22	43.52	43.52
5	44.49	47.88	47.88
10	44.02	47.40	47.40
15	38.80	42.07	42.07
20	28.97	32.18	32.18
25	15.30	19.19	20.73
30	10.80	15.45	19.50
35	31.99	35.19	35.19
40	59.60	63.46	63.46
45	91.04	96.16	96.16
50	125.24	131.92	131.92
55	161.06	169.44	169.44
60	197.12	207.24	207.24
65	231.85	243.67	243.67
70	263.51	276.89	276.89
75	290.37	305.07	305.07
80	310.77	326.47	326.47
85	323.30	339.63	339.63
90	326.96	343.47	343.47
95	321.20	337.42	337.42
100	306.04	321.51	321.51
105	282.06	296.35	296.35
110	250.35	263.08	263.08
115	212.41	223.28	223.28
120	170.00	178.81	178.81
125	125.04	131.71	131.71
130	79.41	84.04	84.05
135	35.12	38.34	39.40
140	11.88	16.30	19.70
145	48.23	51.72	52.13
150	82.81	87.58	87.58
155	112.95	119.06	119.06
160	138.35	145.65	145.65
165	159.00	167.28	167.28
170	175.05	184.10	184.10
175	186.72	196.33	196.33

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	194.22	204.21	204.21
185	197.74	207.89	207.89
190	197.35	207.48	207.48
195	193.05	202.97	202.97
200	184.72	194.24	194.24
205	172.20	181.11	181.11
210	155.24	163.34	163.34
215	133.65	140.73	140.73
220	107.30	113.15	113.15
225	76.23	80.73	80.73
230	40.86	44.17	59.93
235	8.39	13.70	58.90
240	43.74	47.11	62.13
245	88.50	93.51	93.51
250	134.14	141.24	141.24
255	178.75	187.98	187.98
260	220.42	231.67	231.67
265	257.25	270.31	270.31
270	287.52	302.08	302.08
275	309.80	325.46	325.46
280	323.11	339.43	339.43
285	326.97	343.48	343.48
290	321.48	337.72	337.72
295	307.27	322.81	322.81
300	285.46	299.92	299.92
305	257.51	270.59	270.59
310	225.09	236.58	236.58
315	189.96	199.74	199.74
320	153.83	161.86	161.86
325	118.23	124.58	124.58
330	84.49	89.34	89.34
335	53.74	57.39	57.39
340	27.05	30.28	34.78
345	8.76	13.96	29.74
350	18.21	21.81	29.62
355	31.29	34.49	34.56

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission