

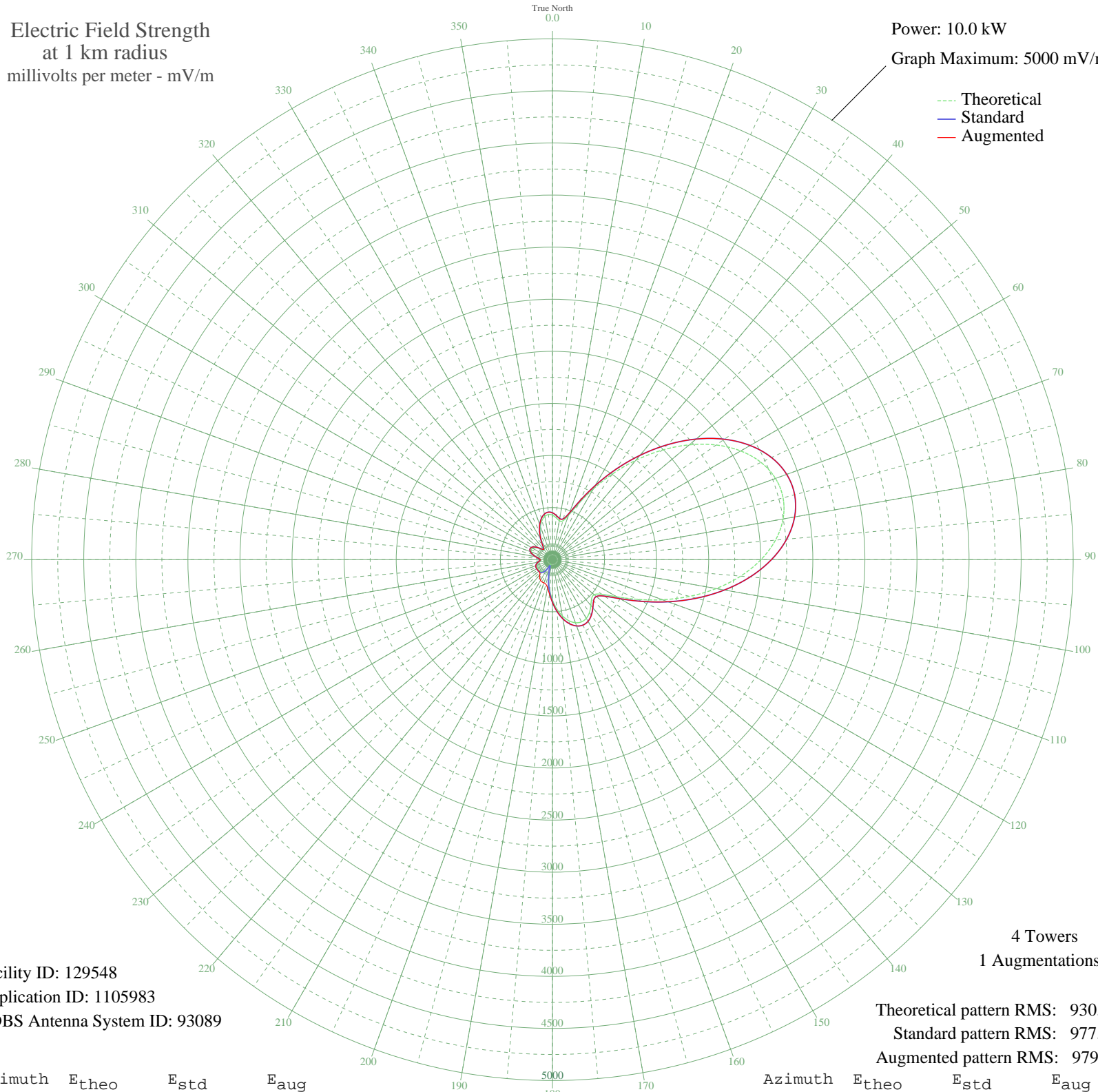
WEUS ORLOVISTA, FL BL-20051215ABR 810 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 129548
Application ID: 1105983
CDBS Antenna System ID: 93089

4 Towers
1 Augmentations

Theoretical pattern RMS: 930.10
Standard pattern RMS: 977.20
Augmented pattern RMS: 979.10

Azimuth	E _{theo}	E _{std}	E _{aug}
0	427.40	450.00	450.00
5	403.92	425.42	425.42
10	379.85	400.22	400.22
15	385.47	406.11	406.11
20	453.86	477.71	477.71
25	591.50	621.96	621.96
30	781.61	821.36	821.36
35	1004.76	1055.52	1055.52
40	1244.36	1307.00	1307.00
45	1485.68	1560.32	1560.32
50	1714.93	1800.99	1800.99
55	1919.31	2015.55	2015.55
60	2087.40	2192.02	2192.02
65	2209.74	2320.47	2320.47
70	2279.44	2393.65	2393.65
75	2292.60	2407.46	2407.46
80	2248.53	2361.19	2361.19
85	2149.85	2257.59	2257.59
90	2002.27	2102.65	2102.65
95	1814.26	1905.26	1905.26
100	1596.62	1676.78	1676.78
105	1362.07	1430.56	1430.56
110	1125.06	1181.78	1181.78
115	902.12	947.81	947.81
120	712.96	749.34	749.34
125	580.62	610.55	610.55
130	522.76	549.90	549.90
135	531.32	558.87	558.87
140	573.65	603.24	603.24
145	619.09	650.89	650.89
150	650.16	683.47	683.47
155	659.20	692.95	692.95
160	644.11	677.13	677.13
165	605.91	637.08	637.08
170	547.46	575.79	575.79
175	472.80	497.55	497.55

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	386.80	407.50	409.77
185	294.89	311.41	330.50
190	202.94	215.66	273.07
195	117.84	128.11	244.21
200	53.86	65.58	237.21
205	58.87	70.16	236.36
210	99.38	109.51	229.21
215	131.21	141.72	211.72
220	150.11	161.08	188.46
225	158.53	169.74	172.17
230	161.00	172.28	172.28
235	161.88	173.19	173.19
240	163.17	174.51	174.51
245	163.47	174.82	174.82
250	159.47	170.71	170.71
255	148.52	159.44	159.44
260	131.02	141.52	141.52
265	112.82	123.03	123.03
270	106.57	116.72	116.72
275	122.35	132.69	132.69
280	153.63	164.69	164.69
285	187.12	199.26	199.26
290	213.04	226.14	226.14
295	225.43	239.02	239.02
300	221.37	234.80	234.80
305	200.86	213.50	213.50
310	167.61	179.10	179.10
315	132.19	142.71	142.71
320	118.79	129.07	129.07
325	149.30	160.24	160.24
330	208.67	221.61	221.61
335	275.60	291.28	291.28
340	338.08	356.53	356.53
345	388.65	409.43	409.43
350	422.07	444.41	444.41
355	435.10	458.06	458.06