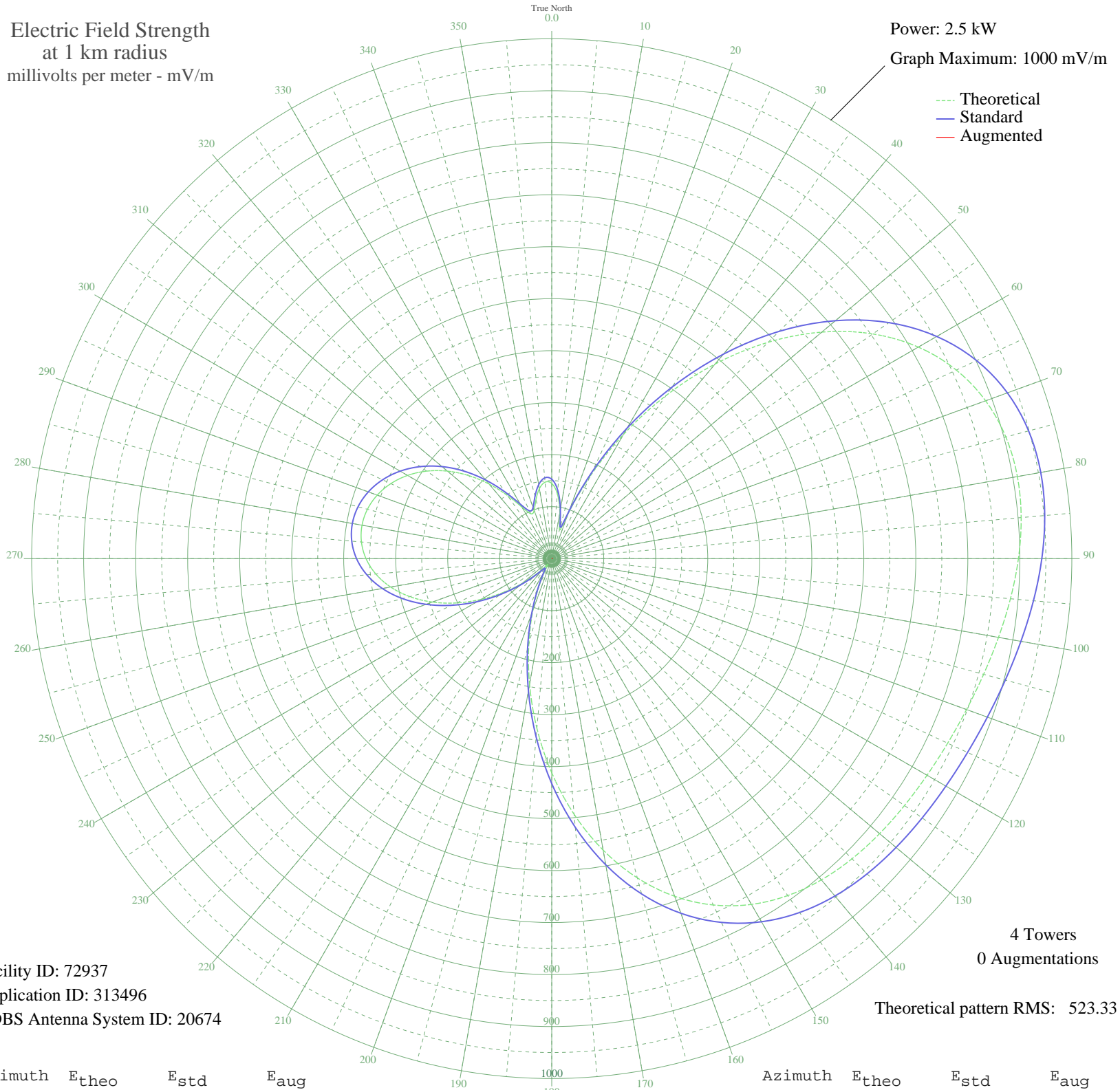


# WELE ORMOND BEACH, FL BL-- 1380 kHz

Nighttime

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

Power: 2.5 kW  
Graph Maximum: 1000 mV/m



Facility ID: 72937  
Application ID: 313496  
CDBS Antenna System ID: 20674

Theoretical pattern RMS: 523.33

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	144.65	152.79	
5	124.89	132.18	
10	89.62	95.55	
15	57.24	62.35	
20	91.76	97.77	
25	175.70	185.23	
30	276.10	290.38	
35	382.65	402.12	
40	488.65	513.35	
45	588.56	618.21	
50	677.92	712.01	
55	753.60	791.45	
60	813.85	854.71	
65	858.30	901.37	
70	887.75	932.29	
75	903.92	949.26	
80	909.14	954.74	
85	906.04	951.48	
90	897.26	942.27	
95	885.29	929.70	
100	872.21	915.98	
105	859.67	902.80	
110	848.74	891.33	
115	839.95	882.10	
120	833.23	875.05	
125	827.93	869.49	
130	822.89	864.19	
135	816.45	857.43	
140	806.61	847.10	
145	791.17	830.89	
150	767.96	806.52	
155	735.06	771.99	
160	691.14	725.89	
165	635.70	667.69	
170	569.30	598.00	
175	493.70	518.65	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	411.82	432.73	
185	327.58	344.36	
190	245.53	258.34	
195	170.38	179.66	
200	106.43	112.98	
205	57.09	62.20	
210	24.70	30.80	
215	13.41	21.77	
220	22.53	28.90	
225	42.83	47.94	
230	73.82	79.27	
235	113.02	119.83	
240	156.81	165.48	
245	201.59	212.32	
250	244.27	257.02	
255	282.46	297.05	
260	314.53	330.67	
265	339.53	356.89	
270	357.10	375.32	
275	367.29	386.01	
280	370.41	389.29	
285	366.88	385.58	
290	357.09	375.31	
295	341.41	358.87	
300	320.12	336.53	
305	293.47	308.59	
310	261.86	275.45	
315	225.96	237.84	
320	187.15	197.21	
325	148.11	156.40	
330	114.26	121.11	
335	95.23	101.36	
340	98.73	104.99	
345	117.20	124.17	
350	136.67	144.46	
355	147.66	155.93	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission