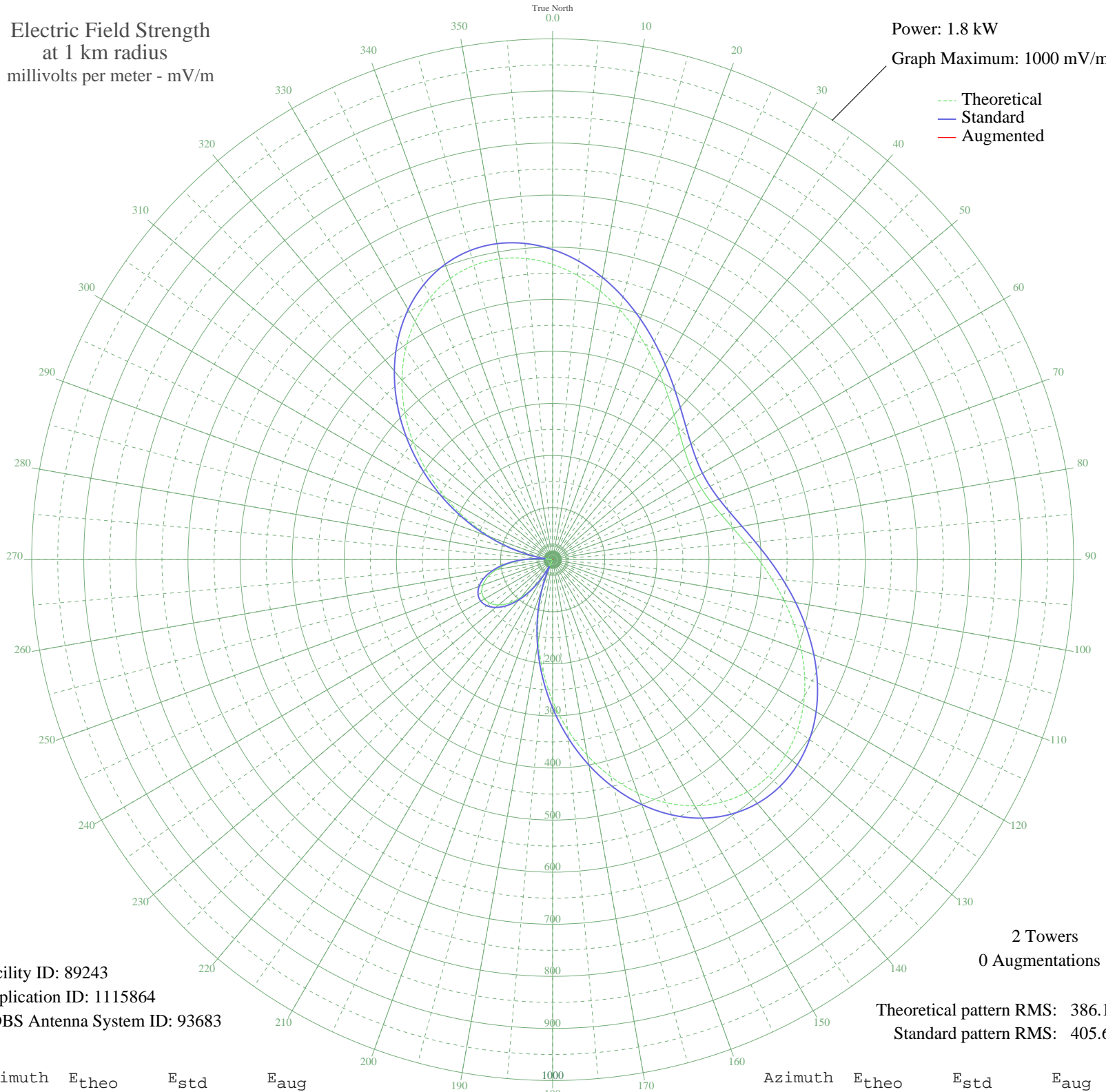


WI2XSO MAYAGUEZ, PR BPEX-20050429AAB 1260 kHz

Nighttime

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

Power: 1.8 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 89243
Application ID: 1115864
CDBS Antenna System ID: 93683

2 Towers
0 Augmentations

Theoretical pattern RMS: 386.10
Standard pattern RMS: 405.60

Azimuth	E _{theo}	E _{std}	E _{aug}
0	566.90	595.42	
5	547.66	575.22	
10	523.86	550.23	
15	496.93	521.96	
20	468.31	491.93	
25	439.40	461.58	
30	411.47	432.27	
35	385.66	405.19	
40	362.94	381.35	
45	344.08	361.56	
50	329.71	346.48	
55	320.26	336.57	
60	316.01	332.11	
65	317.07	333.23	
70	323.43	339.89	
75	334.89	351.92	
80	351.12	368.94	
85	371.60	390.44	
90	395.67	415.69	
95	422.45	443.79	
100	450.91	473.67	
105	479.87	504.06	
110	507.98	533.57	
115	533.84	560.70	
120	555.98	583.95	
125	573.02	601.84	
130	583.66	613.01	
135	586.85	616.35	
140	581.79	611.04	
145	568.05	596.62	
150	545.58	573.04	
155	514.75	540.67	
160	476.29	500.30	
165	431.27	453.06	
170	381.04	400.34	
175	327.09	343.74	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	271.04	284.94	
185	214.45	225.62	
190	158.83	167.37	
195	105.50	111.66	
200	55.59	60.04	
205	10.00	17.57	
210	30.56	35.04	
215	65.61	70.32	
220	94.84	100.58	
225	118.07	124.77	
230	135.21	142.67	
235	146.23	154.19	
240	151.13	159.31	
245	149.90	158.03	
250	142.56	150.35	
255	129.09	136.27	
260	109.51	115.84	
265	83.86	89.18	
270	52.27	56.67	
275	14.97	21.11	
280	27.67	32.29	
285	75.08	80.08	
290	126.48	133.55	
295	180.88	190.44	
300	237.05	249.30	
305	293.61	308.61	
310	349.01	366.74	
315	401.66	421.98	
320	449.99	472.70	
325	492.53	517.35	
330	528.05	554.63	
335	555.60	583.55	
340	574.60	603.49	
345	584.84	614.24	
350	586.53	616.01	
355	580.25	609.42	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission