

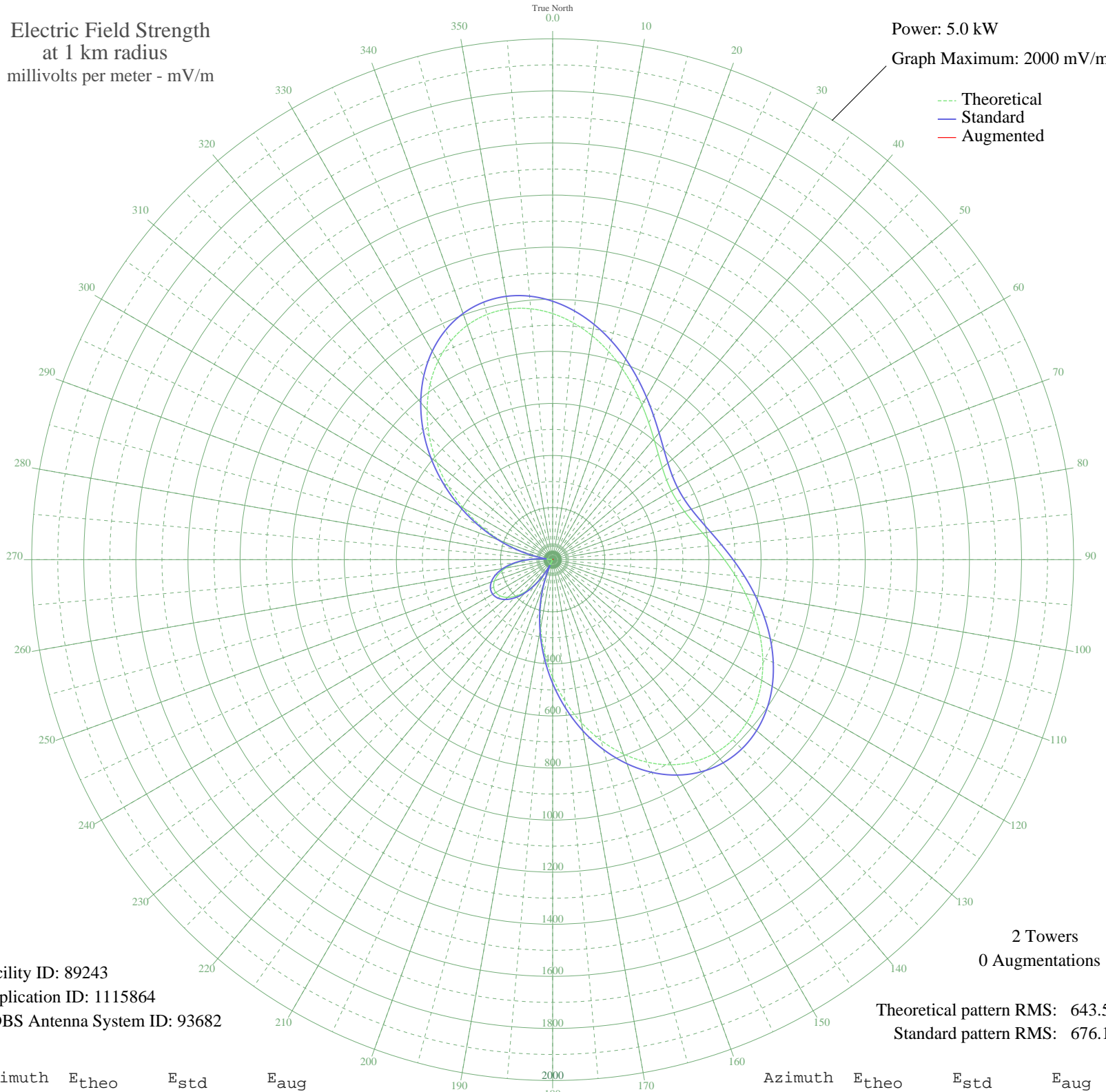
WI2XSO MAYAGUEZ, PR BPEX-20050429AAB 1260 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 89243  
Application ID: 1115864  
CDBS Antenna System ID: 93682

2 Towers  
0 Augmentations

Theoretical pattern RMS: 643.50  
Standard pattern RMS: 676.10

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	944.84	992.36	
5	912.77	958.69	
10	873.10	917.05	
15	828.21	869.94	
20	780.51	819.88	
25	732.33	769.30	
30	685.78	720.46	
35	642.77	675.32	
40	604.90	635.58	
45	573.47	602.61	
50	549.52	577.47	
55	533.77	560.95	
60	526.68	553.51	
65	528.46	555.38	
70	539.05	566.49	
75	558.15	586.53	
80	585.20	614.91	
85	619.34	650.73	
90	659.44	692.81	
95	704.08	739.65	
100	751.52	789.45	
105	799.78	840.09	
110	846.63	889.28	
115	889.73	934.51	
120	926.64	973.25	
125	955.03	1003.06	
130	972.77	1021.68	
135	978.08	1027.25	
140	969.64	1018.40	
145	946.74	994.36	
150	909.31	955.06	
155	857.92	901.12	
160	793.82	833.84	
165	718.79	755.09	
170	635.06	667.23	
175	545.15	572.89	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	451.73	474.90	
185	357.42	376.03	
190	264.72	278.94	
195	175.83	186.11	
200	92.64	100.07	
205	16.67	29.29	
210	50.93	58.40	
215	109.35	117.19	
220	158.07	167.63	
225	196.79	207.96	
230	225.35	237.78	
235	243.72	256.98	
240	251.88	265.51	
245	249.84	263.38	
250	237.60	250.58	
255	215.15	227.12	
260	182.51	193.07	
265	139.77	148.63	
270	87.12	94.44	
275	24.95	35.18	
280	46.12	53.81	
285	125.13	133.47	
290	210.80	222.58	
295	301.46	317.40	
300	395.09	415.51	
305	489.35	514.36	
310	581.69	611.23	
315	669.44	703.30	
320	749.98	787.83	
325	820.88	862.25	
330	880.08	924.39	
335	926.00	972.59	
340	957.66	1005.82	
345	974.73	1023.73	
350	977.54	1026.69	
355	967.08	1015.70	

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