

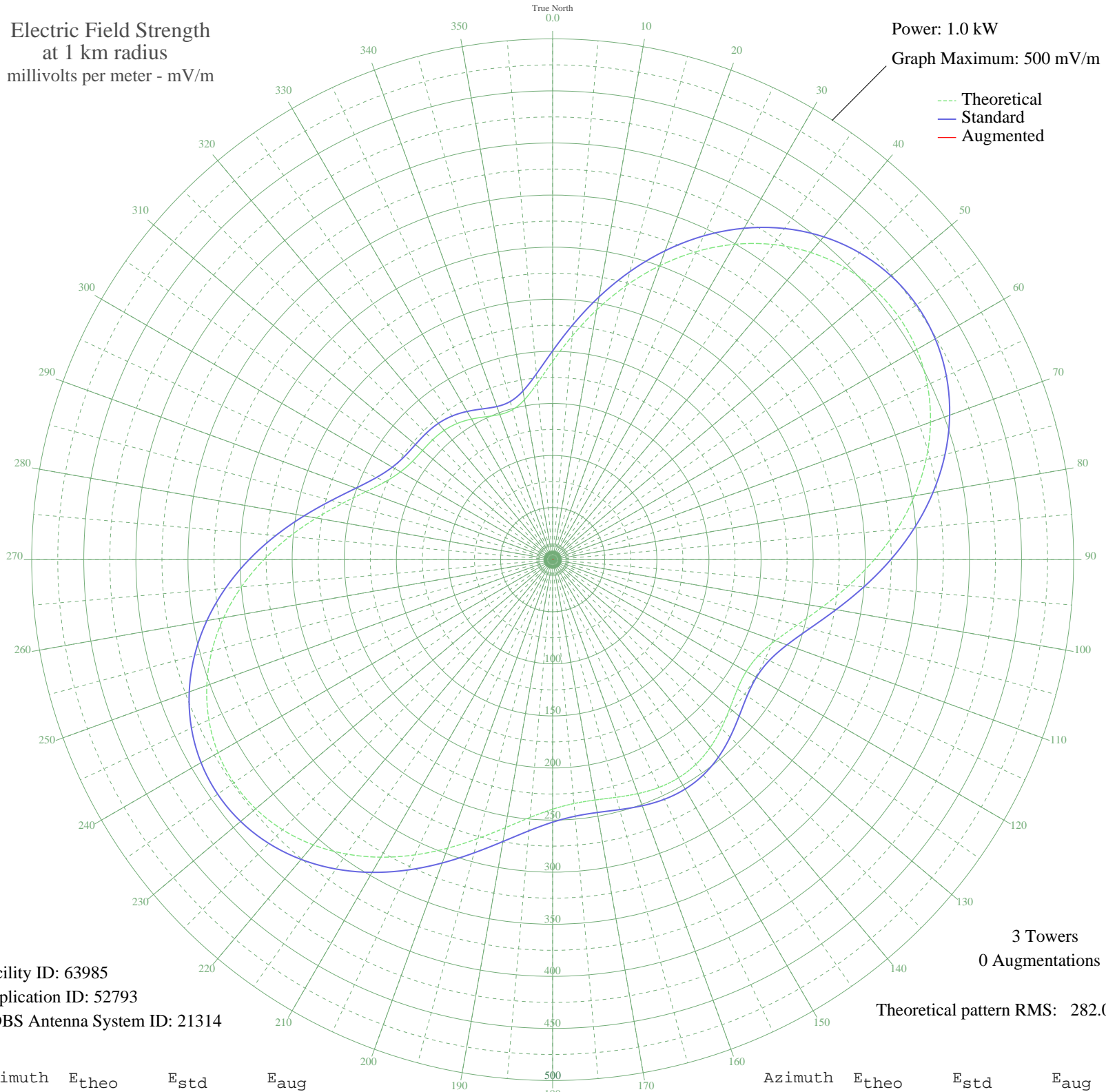
WBRD PALMETTO, FL BL-19830222AK 1420 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 63985
Application ID: 52793
CDBS Antenna System ID: 21314

3 Towers
0 Augmentations

Theoretical pattern RMS: 282.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	190.35	200.44	
5	215.56	226.84	
10	243.47	256.09	
15	272.20	286.21	
20	300.22	315.59	
25	326.31	342.96	
30	349.57	367.36	
35	369.32	388.08	
40	385.07	404.61	
45	396.51	416.61	
50	403.45	423.89	
55	405.80	426.35	
60	403.57	424.02	
65	396.87	416.99	
70	385.91	405.48	
75	371.01	389.85	
80	352.68	370.62	
85	331.59	348.50	
90	308.69	324.48	
95	285.20	299.84	
100	262.65	276.20	
105	242.81	255.40	
110	227.45	239.30	
115	217.92	229.31	
120	214.57	225.81	
125	216.56	227.88	
130	222.05	233.65	
135	228.93	240.85	
140	235.28	247.50	
145	239.77	252.22	
150	241.76	254.30	
155	241.27	253.79	
160	239.00	251.40	
165	236.14	248.41	
170	234.28	246.46	
175	235.01	247.22	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	239.54	251.97	
185	248.40	261.26	
190	261.27	274.74	
195	277.16	291.40	
200	294.76	309.87	
205	312.72	328.70	
210	329.80	346.62	
215	344.97	362.54	
220	357.45	375.62	
225	366.62	385.24	
230	372.06	390.96	
235	373.52	392.49	
240	370.85	389.69	
245	364.04	382.54	
250	353.21	371.18	
255	338.61	355.86	
260	320.64	337.01	
265	299.89	315.25	
270	277.18	291.43	
275	253.54	266.64	
280	230.26	242.24	
285	208.81	219.77	
290	190.71	200.81	
295	177.15	186.62	
300	168.58	177.66	
305	164.40	173.28	
310	163.10	171.92	
315	162.82	171.62	
320	161.97	170.74	
325	159.65	168.31	
330	155.81	164.29	
335	151.39	159.67	
340	148.29	156.43	
345	149.02	157.19	
350	155.88	164.37	
355	169.87	179.00	

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission