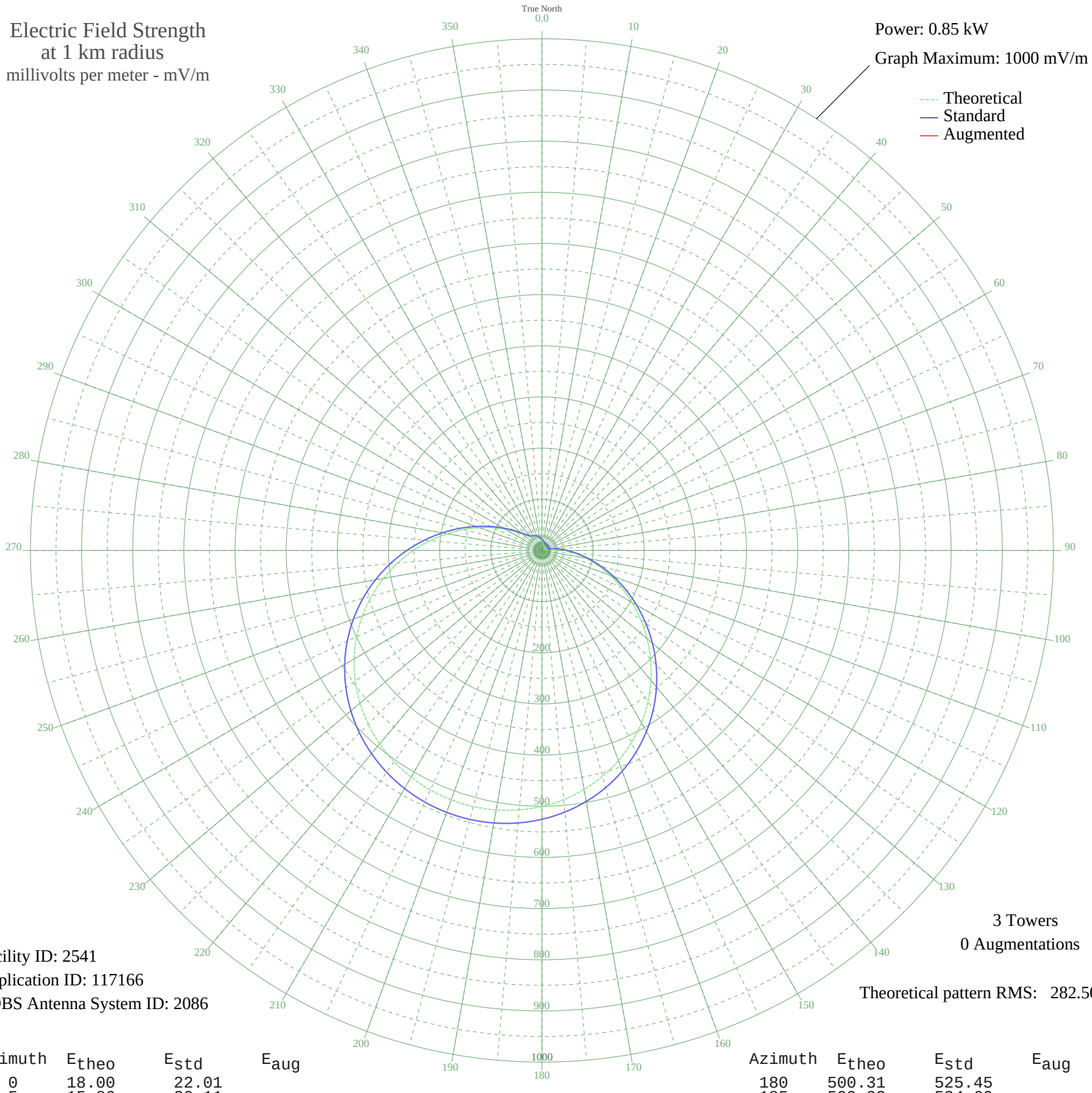
WXQW FAIRHOPE, AL BL-19880817AE 660 kHz

Nighttime

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



Power: 0.85 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

Facility ID: 2541
Application ID: 117166
CDBS Antenna System ID: 2086

3 Towers
0 Augmentations

Theoretical pattern RMS: 282.50

Azimuth	E_{theo}	E_{std}	E_{aug}
0	18.00	22.01	
5	15.86	20.11	
10	13.98	18.52	
15	12.32	17.17	
20	10.78	15.98	
25	9.33	14.94	
30	8.10	14.13	
35	7.39	13.69	
40	7.46	13.74	
45	8.21	14.20	
50	9.07	14.76	
55	9.43	15.01	
60	8.74	14.55	
65	6.59	13.24	
70	3.50	11.87	
75	6.71	13.31	
80	16.13	20.35	
85	29.05	32.52	
90	45.31	48.90	
95	64.89	69.06	
100	87.63	92.70	
105	113.26	119.46	
110	141.41	148.91	
115	171.57	180.50	
120	203.18	213.63	
125	235.61	247.65	
130	268.23	281.87	
135	300.42	315.65	
140	331.59	348.36	
145	361.23	379.46	
150	388.91	408.51	
155	414.27	435.13	
160	437.08	459.07	
165	457.15	480.14	
170	474.39	498.24	
175	488.78	513.34	

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.

15 Mar 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	500.31	525.45	
185	509.03	534.60	
190	514.97	540.83	
195	518.17	544.20	
200	518.67	544.72	
205	516.47	542.41	
210	511.56	537.26	
215	503.92	529.24	
220	493.51	518.31	
225	480.31	504.45	
230	464.29	487.63	
235	445.47	467.88	
240	423.94	445.28	
245	399.82	419.97	
250	373.34	392.17	
255	344.81	362.22	
260	314.61	330.54	
265	283.25	297.63	
270	251.28	264.08	
275	219.33	230.57	
280	188.05	197.78	
285	158.12	166.41	
290	130.20	137.17	
295	104.89	110.71	
300	82.78	87.65	
305	64.39	68.55	
310	50.15	53.85	
315	40.26	43.75	
320	34.39	37.83	
325	31.43	34.88	
330	29.90	33.36	
335	28.66	32.14	
340	27.12	30.63	
345	25.14	28.71	
350	22.82	26.48	
355	20.37	24.18	