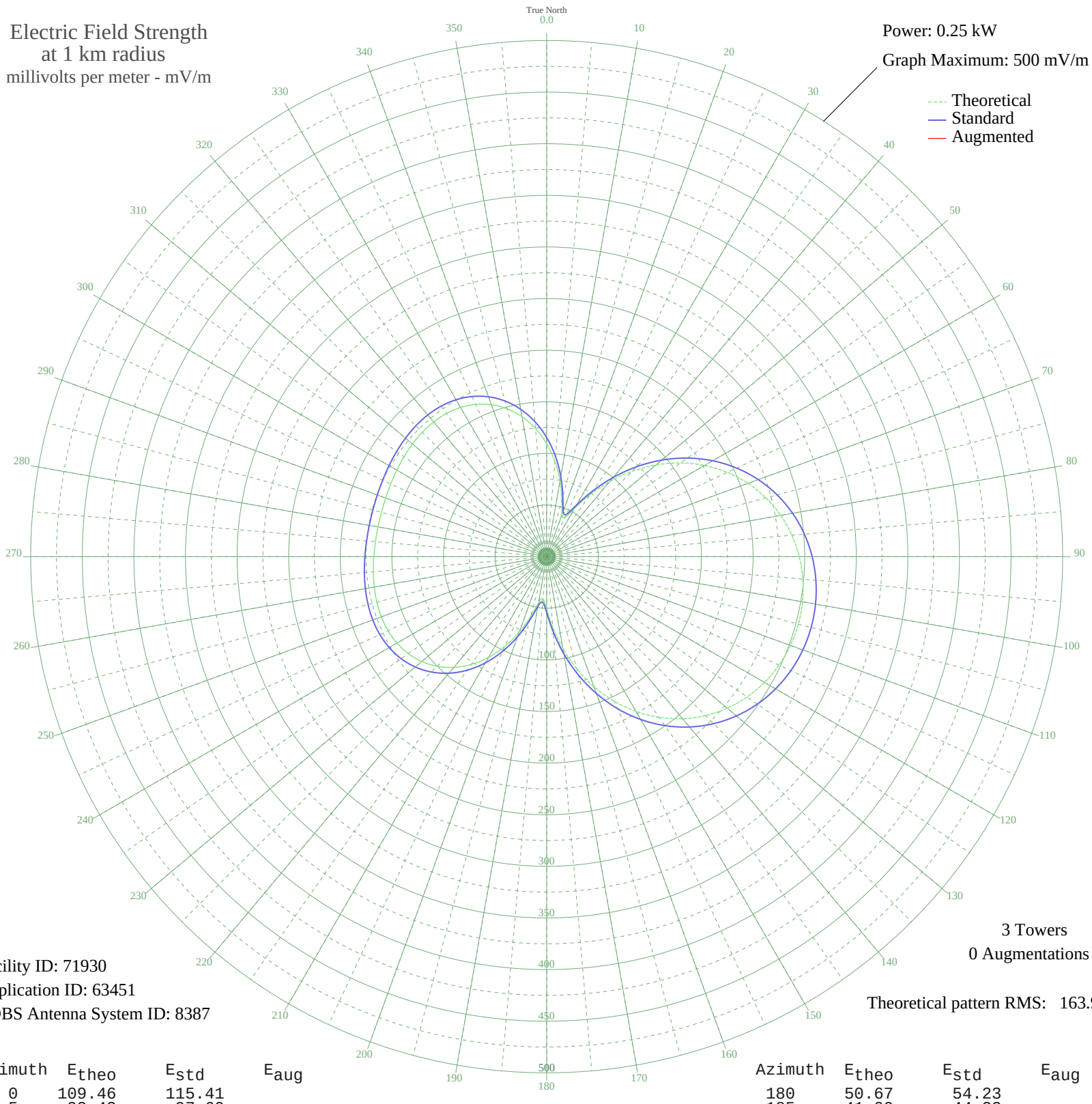
WEDI EATON, OH BL-19831125AF 1130 kHz

Daytime

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



Power: 0.25 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 71930
Application ID: 63451
CDBS Antenna System ID: 8387

Theoretical pattern RMS: 163.99

Azimuth	E_{theo}	E_{std}	E_{aug}
0	109.46	115.41	
5	92.42	97.60	
10	74.29	78.71	
15	56.71	60.46	
20	43.53	46.90	
25	41.88	45.21	
30	53.87	57.53	
35	73.11	77.48	
40	94.82	100.11	
45	116.87	123.16	
50	138.23	145.52	
55	158.28	166.53	
60	176.66	185.79	
65	193.14	203.07	
70	207.59	218.22	
75	219.95	231.19	
80	230.25	241.99	
85	238.51	250.66	
90	244.81	257.26	
95	249.20	261.87	
100	251.74	264.53	
105	252.46	265.29	
110	251.38	264.15	
115	248.47	261.11	
120	243.70	256.10	
125	237.02	249.09	
130	228.35	240.00	
135	217.65	228.77	
140	204.86	215.36	
145	190.00	199.78	
150	173.13	182.09	
155	154.39	162.45	
160	134.04	141.14	
165	112.49	118.58	
170	90.41	95.50	
175	68.97	73.17	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	50.67	54.23	
185	41.00	44.32	
190	45.49	48.91	
195	60.04	63.92	
200	77.94	82.51	
205	95.94	101.29	
210	112.66	118.76	
215	127.45	134.24	
220	139.99	147.36	
225	150.16	158.02	
230	158.02	166.26	
235	163.72	172.22	
240	167.48	176.17	
245	169.62	178.41	
250	170.47	179.30	
255	170.35	179.18	
260	169.62	178.41	
265	168.57	177.31	
270	167.47	176.16	
275	166.54	175.19	
280	165.94	174.56	
285	165.76	174.37	
290	166.03	174.65	
295	166.71	175.36	
300	167.68	176.38	
305	168.79	177.54	
310	169.80	178.60	
315	170.44	179.26	
320	170.38	179.21	
325	169.31	178.09	
330	166.87	175.53	
335	162.74	171.20	
340	156.63	164.80	
345	148.32	156.09	
350	137.67	144.93	
355	124.67	131.32	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission