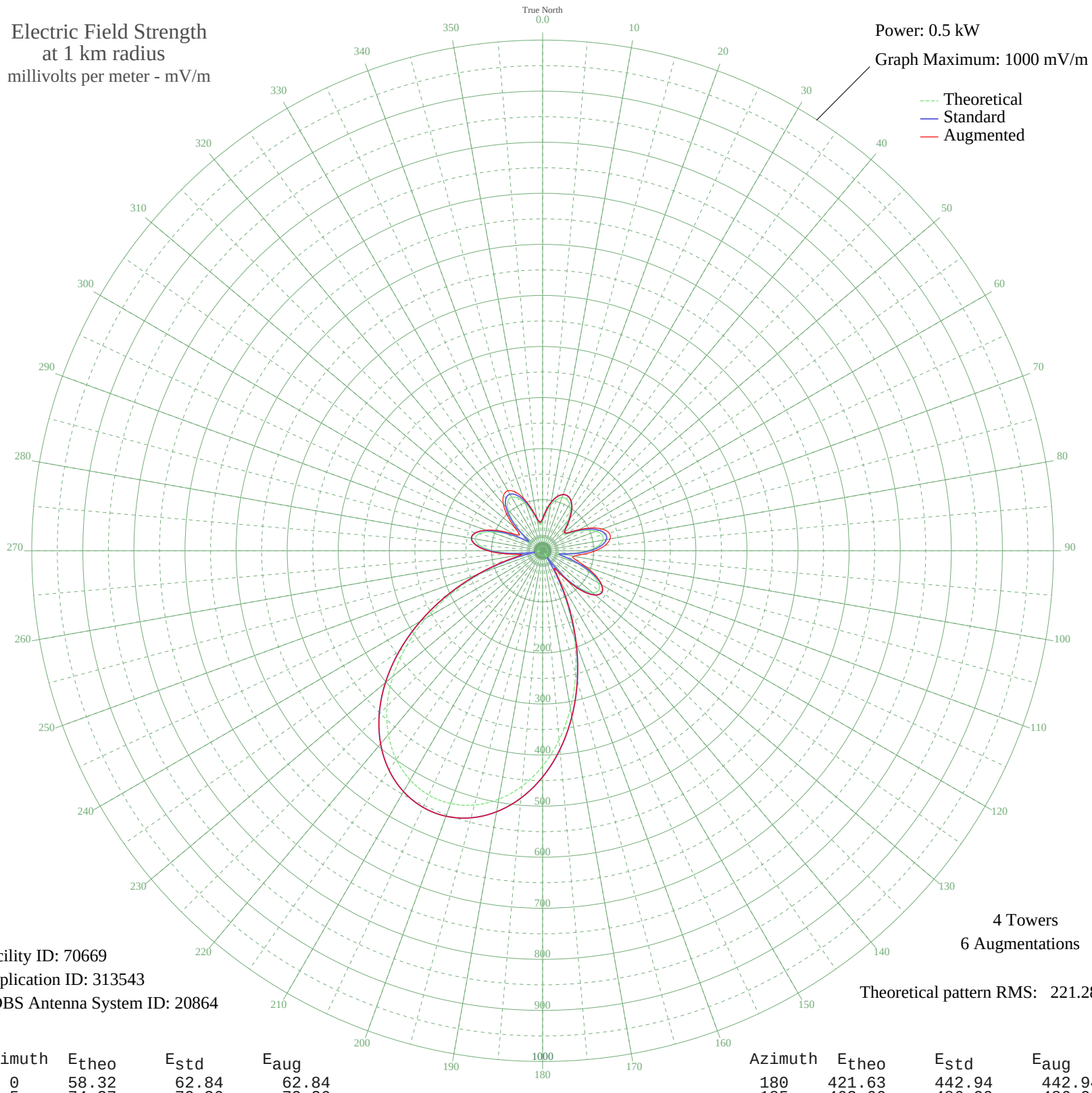
WADA SHELBY, NC BL-- 1390 kHz

Nighttime



Facility ID: 70669
Application ID: 313543
CDBS Antenna System ID: 20864

4 Towers
6 Augmentations

Theoretical pattern RMS: 221.28

Azimuth	E_{theo}	E_{std}	E_{aug}
0	58.32	62.84	62.84
5	74.27	79.26	79.26
10	90.78	96.36	96.36
15	103.59	109.68	109.68
20	110.74	117.13	117.13
25	111.40	117.82	117.82
30	105.51	111.68	111.68
35	93.72	99.42	99.42
40	77.72	82.82	82.82
45	61.12	65.72	65.72
50	51.51	55.91	55.91
55	57.23	61.73	62.29
60	74.72	79.72	82.55
65	94.73	100.46	105.56
70	111.16	117.57	124.25
75	120.32	127.12	134.55
80	119.90	126.68	133.99
85	108.83	115.14	122.84
90	87.50	92.96	103.33
95	58.38	62.90	79.43
100	30.64	35.14	61.66
105	39.23	43.55	66.09
110	72.63	77.56	88.58
115	103.93	110.03	114.18
120	125.75	132.79	133.57
125	134.22	141.64	141.66
130	127.19	134.29	135.15
135	104.13	110.24	113.29
140	66.03	70.76	78.47
145	15.43	21.50	43.53
150	45.81	50.13	62.55
155	112.42	118.89	123.29
160	181.49	191.09	192.61
165	249.56	262.42	262.73
170	313.70	329.68	329.68
175	371.61	390.45	390.45

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	421.63	442.94	442.94
185	462.66	486.00	486.00
190	494.03	518.92	518.92
195	515.40	541.36	541.36
200	526.62	553.13	553.13
205	527.64	554.21	554.21
210	518.46	544.57	544.57
215	499.11	524.26	524.26
220	469.72	493.41	493.41
225	430.58	452.33	452.33
230	382.29	401.65	401.65
235	325.84	342.42	342.42
240	262.78	276.28	276.48
245	195.29	205.54	206.77
250	126.16	133.22	136.99
255	58.75	63.29	73.63
260	5.12	15.12	41.83
265	56.80	61.29	71.00
270	97.66	103.51	107.38
275	123.85	130.81	132.04
280	134.09	141.51	141.61
285	128.61	135.77	136.10
290	109.20	115.53	118.01
295	79.38	84.54	91.76
300	45.38	49.70	65.55
305	28.12	32.73	55.27
310	52.13	56.53	71.70
315	82.17	87.43	97.65
320	105.34	111.51	119.70
325	118.55	125.27	133.02
330	121.05	127.89	135.60
335	113.66	120.18	126.91
340	98.44	104.32	109.17
345	78.77	83.90	86.28
350	60.11	64.68	64.95
355	51.32	55.71	55.71