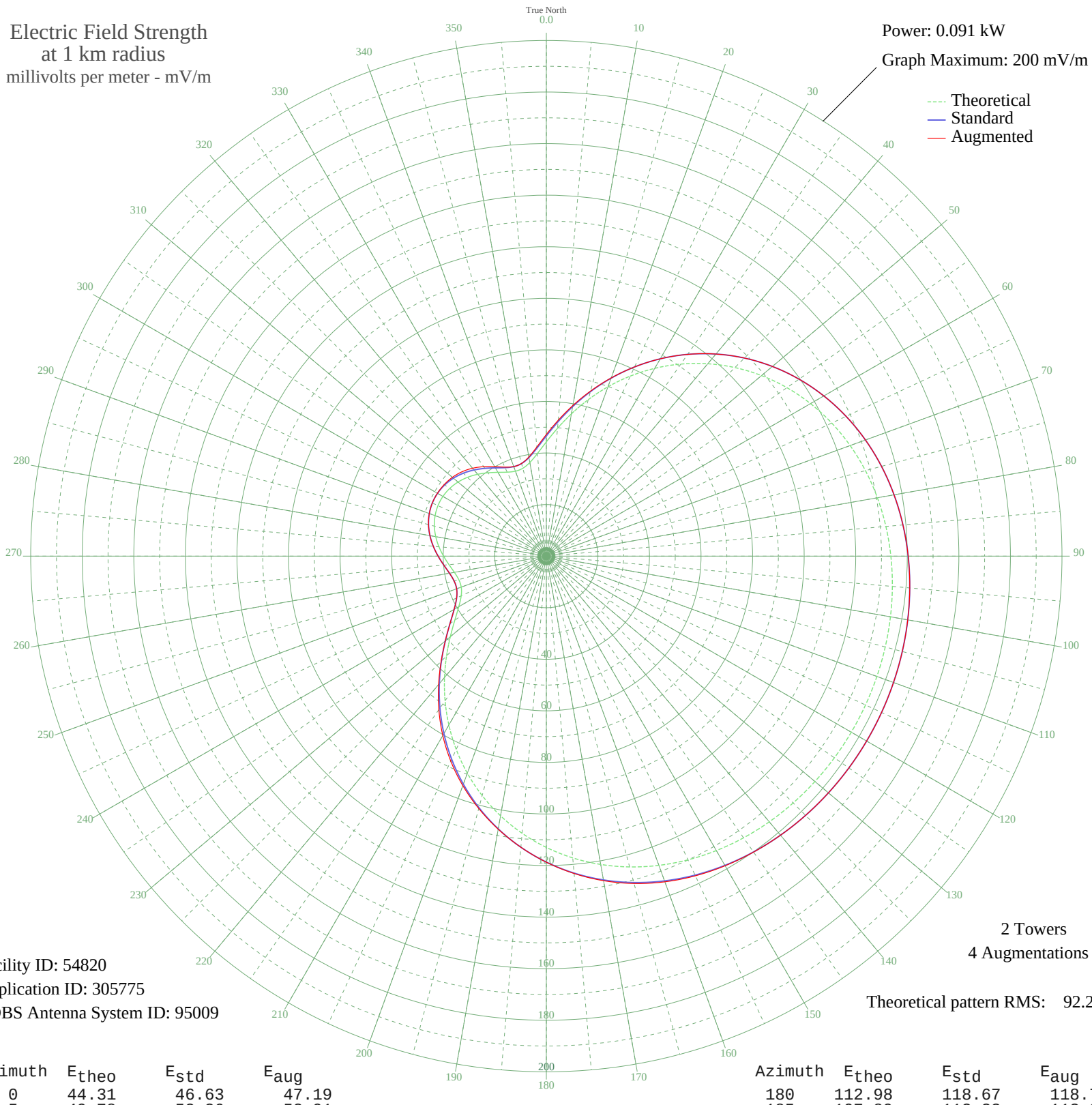
WJFN BRANDON, MS BL-- 970 kHz

Nighttime

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



Power: 0.091 kW

Graph Maximum: 200 mV/m

Theoretical
Standard
Augmented

2 Towers
4 Augmentations

Facility ID: 54820
Application ID: 305775
CDBS Antenna System ID: 95009

Theoretical pattern RMS: 92.24

Azimuth	E_{theo}	E_{std}	E_{aug}
0	44.31	46.63	47.19
5	49.78	52.36	52.91
10	56.04	58.93	59.35
15	62.83	66.04	66.28
20	69.90	73.46	73.55
25	77.05	80.96	80.97
30	84.11	88.37	88.37
35	90.93	95.53	95.53
40	97.40	102.32	102.32
45	103.44	108.65	108.65
50	108.96	114.45	114.45
55	113.92	119.66	119.66
60	118.32	124.28	124.28
65	122.14	128.29	128.29
70	125.40	131.71	131.71
75	128.14	134.58	134.58
80	130.39	136.94	136.94
85	132.20	138.85	138.85
90	133.63	140.34	140.34
95	134.72	141.49	141.49
100	135.53	142.34	142.34
105	136.09	142.93	142.93
110	136.44	143.29	143.29
115	136.60	143.46	143.46
120	136.58	143.44	143.44
125	136.38	143.24	143.24
130	135.99	142.83	142.83
135	135.39	142.19	142.19
140	134.53	141.29	141.29
145	133.37	140.08	140.13
150	131.87	138.50	138.67
155	129.98	136.51	136.80
160	127.63	134.05	134.43
165	124.79	131.07	131.45
170	121.42	127.53	127.82
175	117.49	123.40	123.56

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.

09 Nov 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	112.98	118.67	118.71
185	107.89	113.33	113.33
190	102.27	107.43	107.52
195	96.14	101.00	101.32
200	89.59	94.12	94.72
205	82.71	86.90	87.71
210	75.62	79.46	80.33
215	68.47	71.96	72.68
220	61.44	64.59	65.01
225	54.74	57.56	57.68
230	48.61	51.14	51.14
235	43.34	45.62	45.62
240	39.20	41.28	41.28
245	36.44	38.39	38.39
250	35.13	37.02	37.02
255	35.16	37.05	37.05
260	36.21	38.15	38.15
265	37.90	39.92	39.92
270	39.86	41.97	41.97
275	41.81	44.02	44.02
280	43.56	45.85	45.85
285	44.95	47.31	47.31
290	45.91	48.31	48.31
295	46.37	48.79	48.79
300	46.32	48.74	48.77
305	45.75	48.15	48.37
310	44.71	47.05	47.56
315	43.23	45.51	46.27
320	41.43	43.62	44.50
325	39.46	41.55	42.35
330	37.53	39.53	40.07
335	35.94	37.87	38.09
340	35.06	36.95	36.97
345	35.28	37.18	37.21
350	36.87	38.84	39.05
355	39.92	42.04	42.46