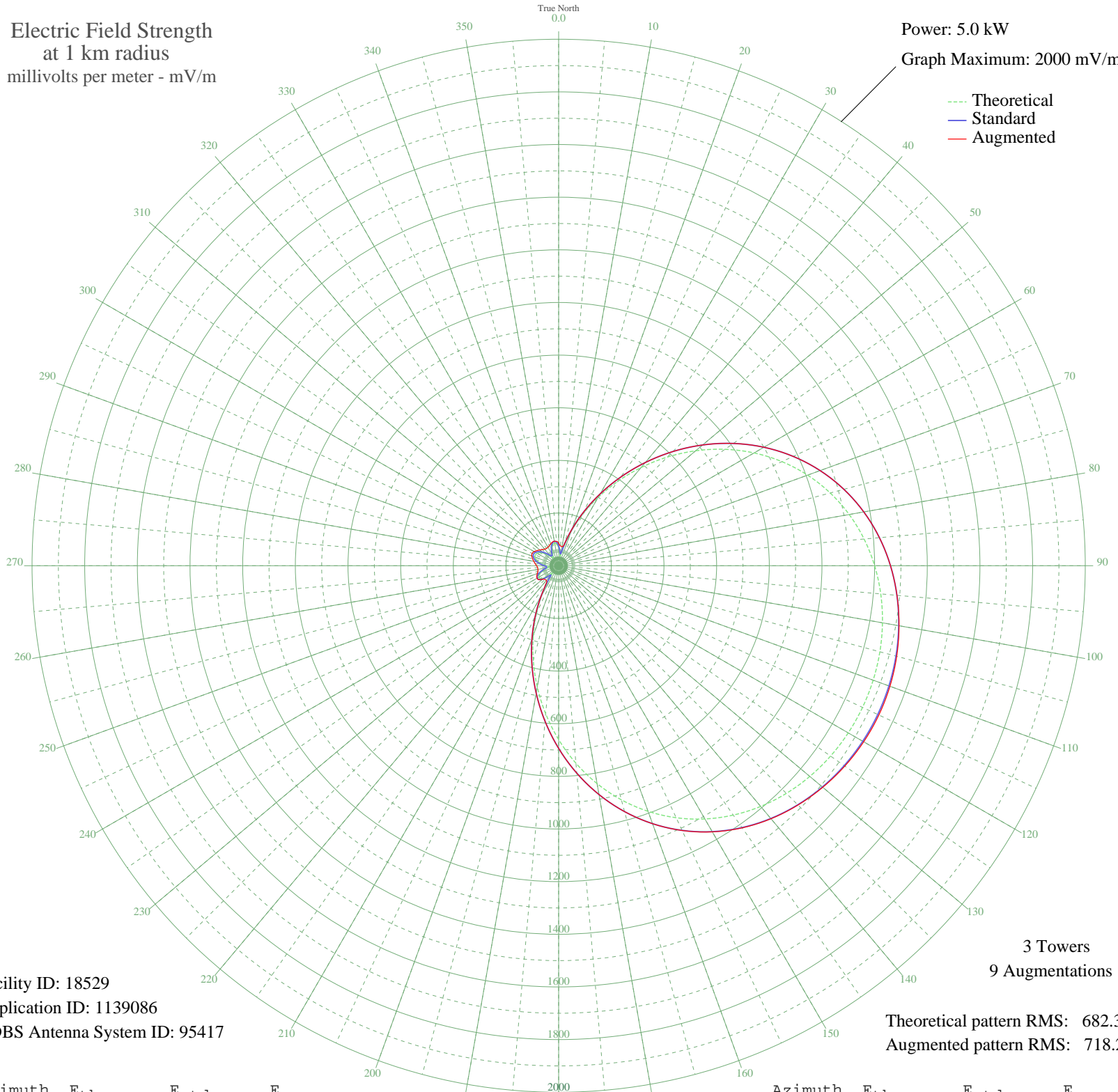


# WSRP JACKSONVILLE, NC BL-20060628ADK 910 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 18529  
Application ID: 1139086  
CDBS Antenna System ID: 95417

3 Towers  
9 Augmentations

Theoretical pattern RMS: 682.36  
Augmented pattern RMS: 718.20

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	68.16	75.32	85.30
5	46.48	54.16	75.63
10	38.65	46.88	73.49
15	76.52	83.71	86.37
20	138.68	147.50	147.50
25	214.13	226.06	226.06
30	299.18	315.02	315.02
35	390.99	411.21	411.21
40	486.77	511.65	511.65
45	583.73	613.37	613.37
50	679.26	713.61	713.61
55	771.00	809.89	809.89
60	856.98	900.14	900.14
65	935.71	982.78	982.78
70	1006.17	1056.74	1056.74
75	1067.81	1121.44	1121.44
80	1120.50	1176.76	1176.76
85	1164.44	1222.89	1222.89
90	1200.08	1260.30	1260.30
95	1227.99	1289.60	1289.81
100	1248.77	1311.42	1312.74
105	1263.00	1326.36	1329.24
110	1271.12	1334.88	1339.05
115	1273.42	1337.29	1341.88
120	1269.97	1333.67	1337.74
125	1260.65	1323.90	1326.84
130	1245.15	1307.62	1309.38
135	1222.99	1284.36	1285.46
140	1193.59	1253.49	1254.64
145	1156.34	1214.38	1215.45
150	1110.67	1166.44	1167.25
155	1056.20	1109.26	1109.70
160	992.77	1042.67	1042.81
165	920.60	966.92	966.92
170	840.33	882.66	882.66
175	753.06	791.06	791.06

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	660.39	693.81	693.81
185	564.38	593.06	593.06
190	467.43	491.36	491.36
195	372.23	391.54	391.54
200	281.55	296.55	296.55
205	198.18	209.41	209.41
210	125.03	133.36	133.36
215	66.31	73.48	83.02
220	36.62	45.06	72.38
225	50.96	58.43	73.50
230	71.78	78.94	79.76
235	84.19	91.46	92.02
240	86.99	94.31	94.95
245	81.37	88.60	91.52
250	69.43	76.59	86.32
255	54.18	61.54	81.83
260	40.57	48.64	79.78
265	36.92	45.32	80.47
270	46.46	54.14	83.79
275	61.64	68.85	89.28
280	76.44	83.62	95.87
285	88.11	95.45	102.62
290	95.33	102.81	108.63
295	97.44	104.97	111.01
300	94.28	101.74	107.46
305	86.10	93.41	100.44
310	73.67	80.84	93.14
315	58.51	65.77	86.72
320	43.83	51.66	82.21
325	36.48	44.92	80.47
330	42.80	50.70	81.25
335	57.30	64.58	84.19
340	72.19	79.36	88.53
345	83.07	90.33	92.66
350	87.16	94.48	94.48
355	82.49	89.74	92.93