

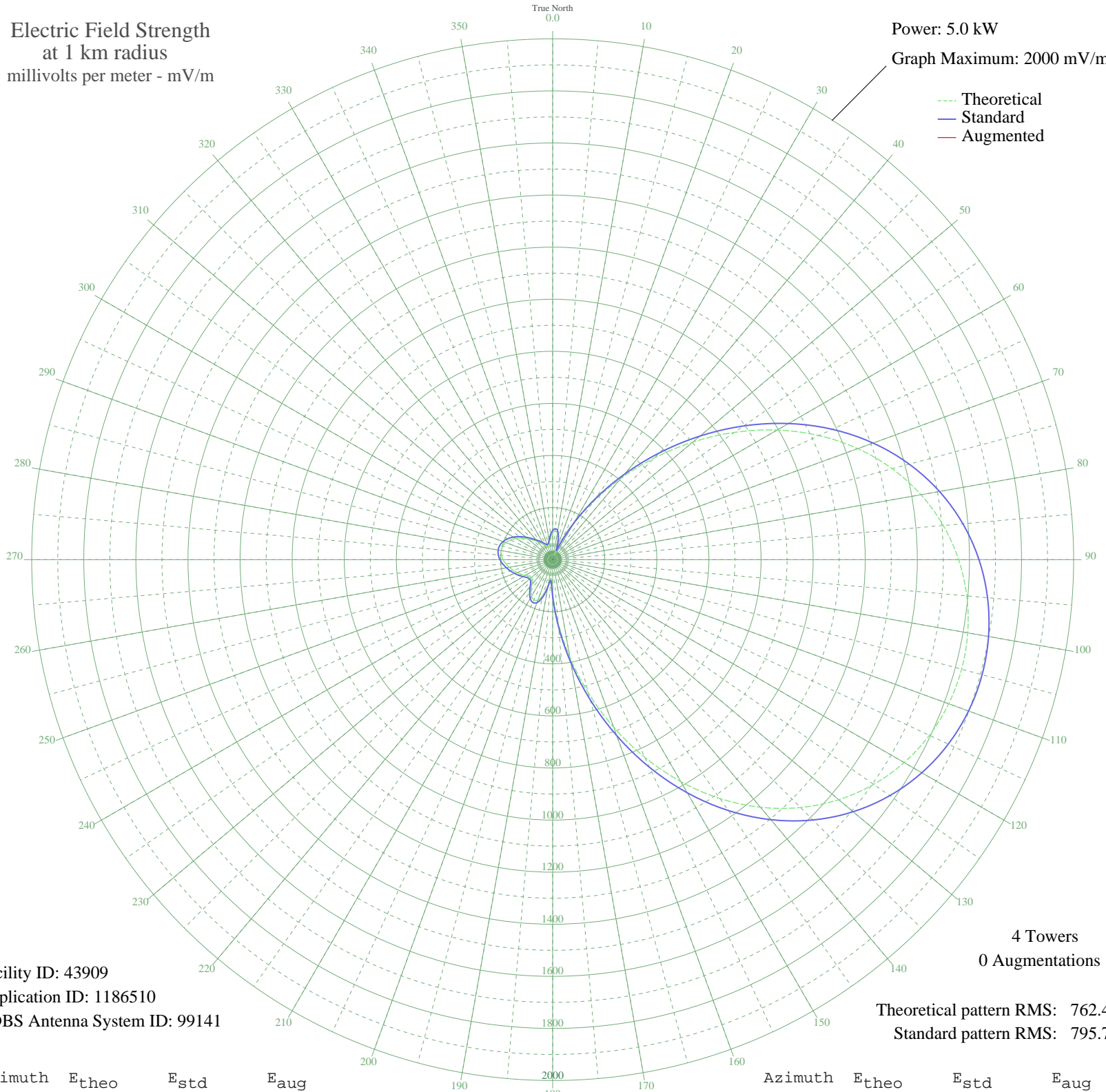
WDJS MOUNT OLIVE, NC BL-20070514AUC 1430 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 43909
Application ID: 1186510
CDBS Antenna System ID: 99141

4 Towers
0 Augmentations

Theoretical pattern RMS: 762.40
Standard pattern RMS: 795.70

Azimuth	E _{theo}	E _{std}	E _{aug}
0	102.98	112.15	
5	110.11	119.38	
10	102.43	111.59	
15	75.51	84.68	
20	29.81	43.18	
25	56.29	66.17	
30	152.35	162.71	
35	270.85	285.94	
40	405.94	427.27	
45	551.87	580.23	
50	702.57	738.29	
55	852.12	895.22	
60	995.27	1045.45	
65	1127.75	1184.51	
70	1246.46	1309.12	
75	1349.46	1417.24	
80	1435.81	1507.90	
85	1505.38	1580.93	
90	1558.53	1636.73	
95	1595.88	1675.93	
100	1618.02	1699.18	
105	1625.37	1706.89	
110	1618.04	1699.21	
115	1595.83	1675.88	
120	1558.19	1636.37	
125	1504.43	1579.93	
130	1433.85	1505.83	
135	1346.00	1413.61	
140	1240.98	1303.37	
145	1119.69	1176.05	
150	984.11	1033.74	
155	837.42	879.79	
160	684.07	718.89	
165	529.63	556.91	
170	380.58	400.72	
175	244.32	258.26	

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 _{theo}	E _{std}	E _{aug}
180	131.07	140.80	
185	70.85	80.12	
190	98.45	107.57	
195	139.90	149.88	
200	164.43	175.19	
205	170.32	181.30	
210	161.43	172.09	
215	143.70	153.79	
220	124.23	133.79	
225	110.11	119.38	
230	105.90	115.11	
235	110.91	120.19	
240	121.03	130.52	
245	132.87	142.65	
250	145.01	155.14	
255	157.17	167.69	
260	169.23	180.17	
265	180.66	192.01	
270	190.45	202.17	
275	197.36	209.35	
280	200.22	212.32	
285	198.22	210.24	
290	191.03	202.78	
295	178.92	190.21	
300	162.77	173.48	
305	144.00	154.10	
310	124.45	134.02	
315	106.03	115.24	
320	90.15	99.22	
325	77.13	86.27	
330	66.19	75.59	
335	56.82	66.67	
340	51.18	61.42	
345	54.46	64.46	
350	68.19	77.53	
355	86.79	95.86	