

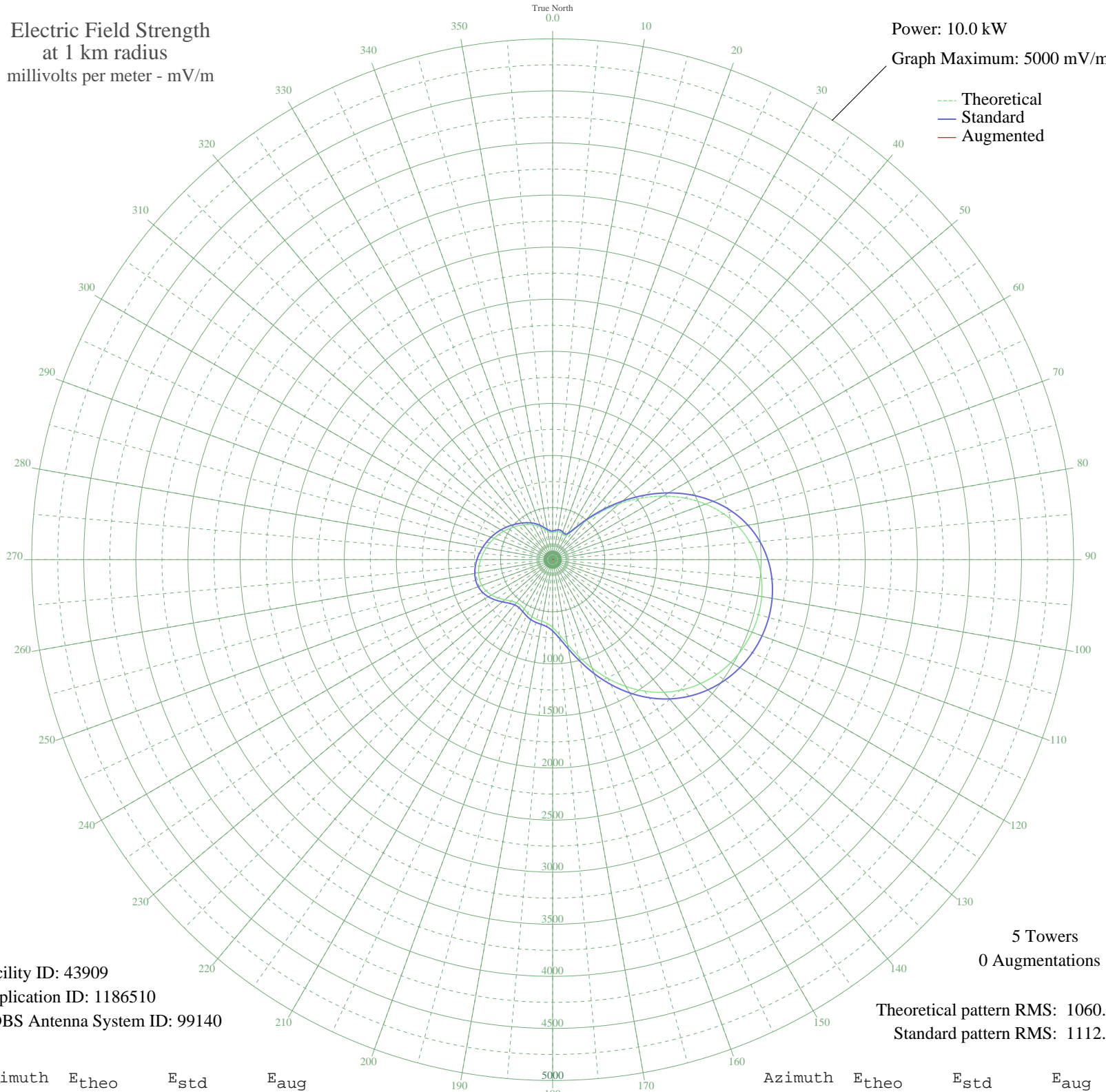
WDJS MOUNT OLIVE, NC BL-20070514AUC 1430 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 43909
Application ID: 1186510
CDBS Antenna System ID: 99140

5 Towers
0 Augmentations
Theoretical pattern RMS: 1060.03
Standard pattern RMS: 1112.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	259.96	275.08	
5	266.65	282.05	
10	275.01	290.76	
15	276.30	292.11	
20	267.38	282.81	
25	257.48	272.49	
30	273.95	289.66	
35	346.14	365.04	
40	474.84	499.75	
45	642.42	675.40	
50	831.45	873.68	
55	1027.85	1079.78	
60	1220.33	1281.80	
65	1400.09	1470.49	
70	1560.86	1639.26	
75	1698.81	1784.07	
80	1812.25	1903.16	
85	1901.23	1996.58	
90	1967.00	2065.63	
95	2011.47	2112.32	
100	2036.72	2138.82	
105	2044.61	2147.11	
110	2036.55	2138.64	
115	2013.31	2114.25	
120	1975.05	2074.08	
125	1921.39	2017.75	
130	1851.64	1944.52	
135	1765.07	1853.64	
140	1661.33	1744.73	
145	1540.90	1618.30	
150	1405.62	1476.30	
155	1259.24	1322.65	
160	1107.86	1163.76	
165	960.26	1008.85	
170	827.61	869.66	
175	721.76	758.62	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	650.93	684.32	
185	614.01	645.61	
190	599.60	630.50	
195	592.61	623.17	
200	582.20	612.26	
205	565.38	594.63	
210	546.64	574.99	
215	535.12	562.91	
220	539.50	567.51	
225	562.45	591.56	
230	599.07	629.94	
235	640.42	673.31	
240	678.04	712.76	
245	706.28	742.38	
250	722.68	759.58	
255	727.34	764.47	
260	722.03	758.89	
265	709.24	745.49	
270	691.46	726.83	
275	670.61	704.97	
280	647.90	681.15	
285	623.83	655.91	
290	598.51	629.36	
295	571.97	601.54	
300	544.41	572.64	
305	516.34	543.23	
310	488.51	514.07	
315	461.64	485.92	
320	436.05	459.12	
325	411.37	433.28	
330	386.54	407.29	
335	360.35	379.90	
340	332.37	350.65	
345	303.98	321.00	
350	279.10	295.03	
355	263.24	278.50	

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.

17 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission