

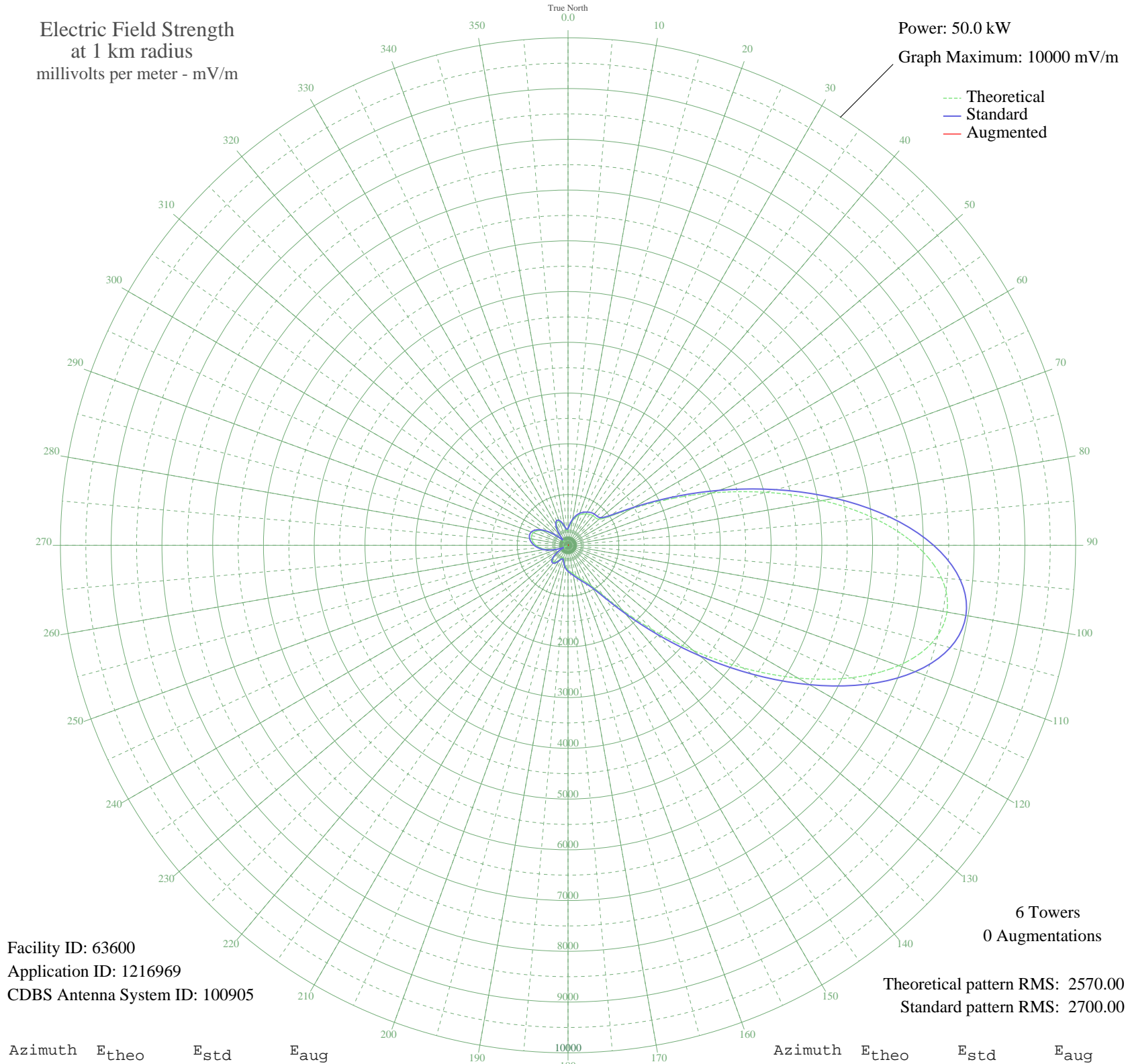
WJXL JACKSONVILLE BEACH, FL BL-20071019BFU 1010 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 63600  
Application ID: 1216969  
CDBS Antenna System ID: 100905

6 Towers  
0 Augmentations

Theoretical pattern RMS: 2570.00  
Standard pattern RMS: 2700.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	307.01	334.54	
5	389.70	418.84	
10	486.82	518.93	
15	570.39	605.54	
20	633.11	670.76	
25	679.05	718.59	
30	715.51	756.59	
35	744.83	787.17	
40	761.80	804.87	
45	766.81	810.10	
50	802.64	847.50	
55	986.06	1039.22	
60	1424.32	1498.21	
65	2119.21	2226.96	
70	3015.00	3167.02	
75	4035.20	4237.91	
80	5086.23	5341.29	
85	6062.75	6366.51	
90	6859.37	7202.89	
95	7385.64	7755.44	
100	7580.38	7959.90	
105	7421.89	7793.50	
110	6931.73	7278.87	
115	6170.93	6480.09	
120	5229.69	5491.90	
125	4212.84	4424.39	
130	3224.33	3386.73	
135	2353.85	2473.16	
140	1667.16	1752.80	
145	1196.70	1259.71	
150	925.70	976.09	
155	784.33	828.39	
160	696.37	736.64	
165	625.02	662.33	
170	565.77	600.75	
175	520.13	553.41	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	480.99	512.89	
185	435.57	466.01	
190	376.20	405.00	
195	309.09	336.64	
200	260.93	288.20	
205	267.94	295.21	
210	324.78	352.55	
215	389.22	418.35	
220	427.86	458.07	
225	422.59	452.64	
230	367.06	395.65	
235	264.97	292.23	
240	128.77	162.11	
245	40.37	98.96	
250	189.25	217.91	
255	332.12	360.01	
260	453.77	484.78	
265	551.96	586.41	
270	628.89	666.36	
275	687.21	727.09	
280	726.64	768.19	
285	742.56	784.80	
290	727.04	768.61	
295	671.56	710.79	
300	570.92	606.10	
305	427.24	457.42	
310	254.62	281.92	
315	110.57	146.55	
320	192.98	221.49	
325	341.53	369.59	
330	450.86	481.77	
335	501.79	534.42	
340	492.05	524.34	
345	432.47	462.82	
350	348.95	377.15	
355	289.27	316.63	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission