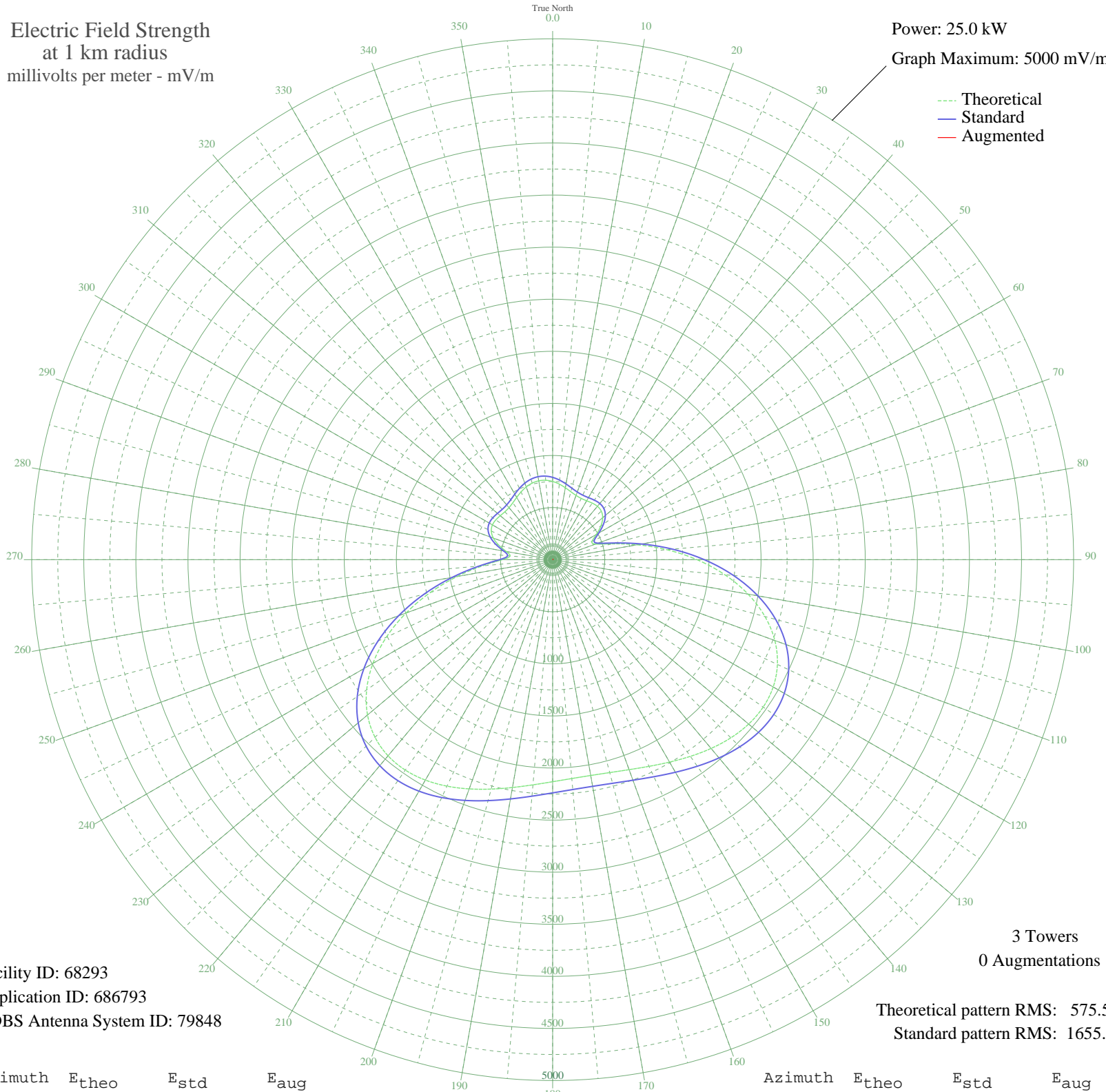


KTBZ TULSA, OK BL-20030905ACQ 1430 kHz

Daytime

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

Power: 25.0 kW
Graph Maximum: 5000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 68293
Application ID: 686793
CDBS Antenna System ID: 79848

3 Towers
0 Augmentations

Theoretical pattern RMS: 575.50
Standard pattern RMS: 1655.10

Azimuth	E _{theo}	E _{std}	E _{aug}
0	750.76	790.04	
5	728.03	766.23	
10	700.94	737.86	
15	675.08	710.77	
20	656.34	691.15	
25	648.90	683.37	
30	652.74	687.39	
35	662.48	697.58	
40	668.50	703.89	
45	659.73	694.71	
50	626.76	660.19	
55	565.54	596.13	
60	483.87	510.77	
65	416.52	440.48	
70	437.12	461.97	
75	586.51	618.07	
80	823.00	865.75	
85	1099.40	1155.56	
90	1385.17	1455.38	
95	1658.82	1742.55	
100	1904.22	2000.12	
105	2109.96	2216.08	
110	2269.31	2383.35	
115	2380.09	2499.65	
120	2444.22	2566.97	
125	2466.86	2590.73	
130	2455.46	2578.77	
135	2418.73	2540.21	
140	2365.66	2484.50	
145	2304.82	2420.63	
150	2243.81	2356.59	
155	2188.96	2299.01	
160	2145.20	2253.08	
165	2116.06	2222.48	
170	2103.71	2209.52	
175	2109.03	2215.10	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	2131.64	2238.84	
185	2169.90	2279.00	
190	2220.83	2332.46	
195	2280.06	2394.63	
200	2341.81	2459.46	
205	2398.97	2519.46	
210	2443.31	2566.01	
215	2465.92	2589.74	
220	2457.88	2581.30	
225	2411.11	2532.21	
230	2319.42	2435.96	
235	2179.48	2289.06	
240	1991.76	2092.00	
245	1761.11	1849.91	
250	1497.10	1572.83	
255	1213.93	1275.70	
260	930.76	978.71	
265	673.75	709.39	
270	482.73	509.58	
275	409.71	433.39	
280	451.82	477.31	
285	534.23	563.39	
290	605.60	638.04	
295	649.84	684.35	
300	667.37	702.70	
305	665.96	701.22	
310	656.40	691.22	
315	649.27	683.75	
320	651.89	686.50	
325	666.43	701.71	
330	690.11	726.52	
335	717.43	755.13	
340	742.49	781.38	
345	760.52	800.27	
350	768.45	808.58	
355	765.02	804.98	

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