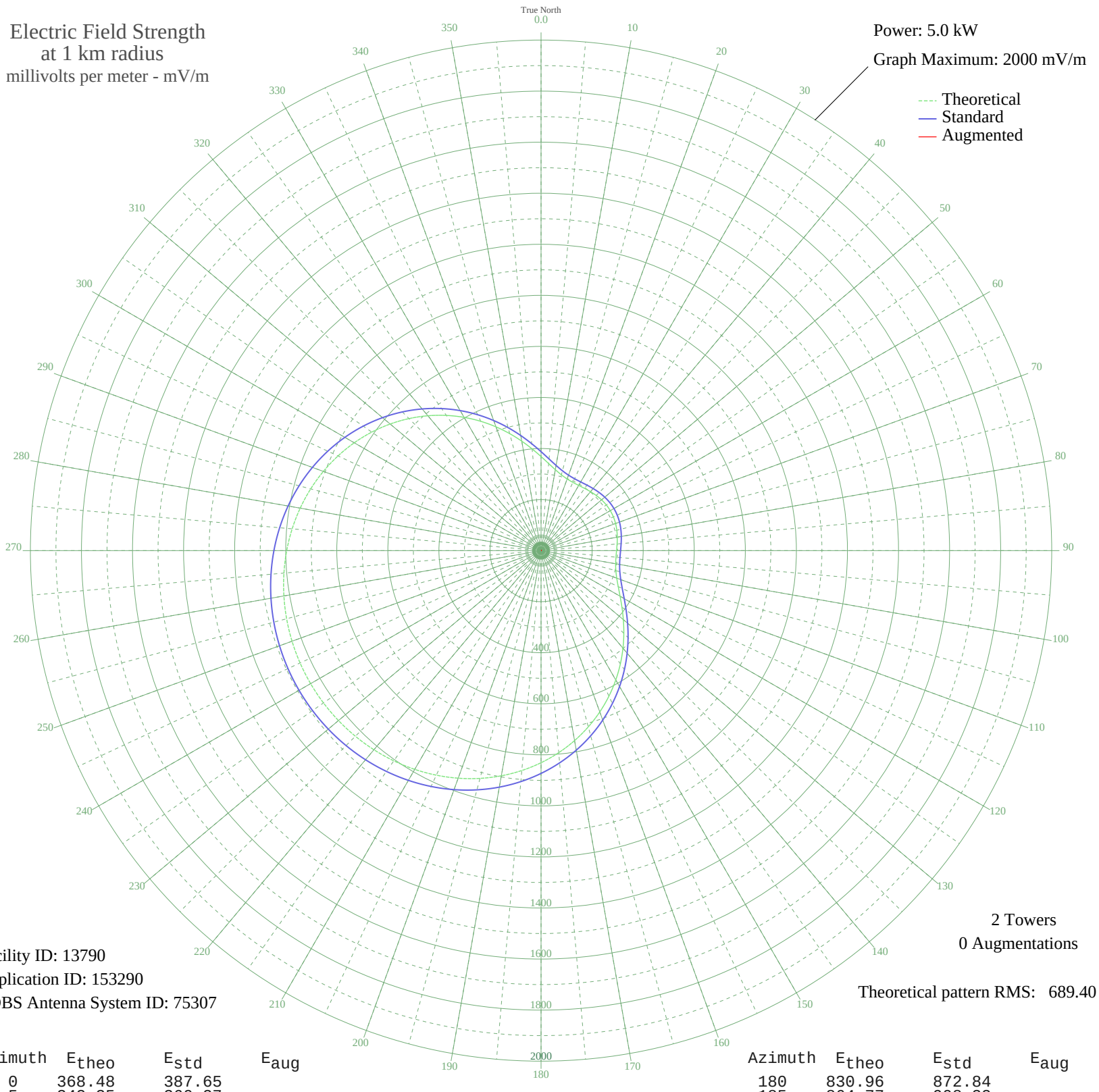
KPHX PHOENIX, AZ BL-19901005AD 1480 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 13790
Application ID: 153290
CDBS Antenna System ID: 75307

Theoretical pattern RMS: 689.40

Azimuth	E_{theo}	E_{std}	E_{aug}
0	368.48	387.65	
5	342.35	360.27	
10	321.96	338.90	
15	307.51	323.78	
20	298.75	314.60	
25	294.90	310.57	
30	294.89	310.56	
35	297.45	313.24	
40	301.37	317.35	
45	305.61	321.79	
50	309.34	325.68	
55	311.95	328.42	
60	313.08	329.61	
65	312.59	329.09	
70	310.54	326.94	
75	307.20	323.45	
80	303.08	319.14	
85	298.92	314.78	
90	295.67	311.38	
95	294.51	310.16	
100	296.67	312.43	
105	303.36	319.42	
110	315.47	332.11	
115	333.48	350.98	
120	357.37	376.00	
125	386.68	406.72	
130	420.67	442.35	
135	458.44	481.95	
140	499.04	524.54	
145	541.57	569.15	
150	585.16	614.88	
155	629.02	660.91	
160	672.46	706.49	
165	714.86	750.99	
170	755.69	793.84	
175	794.51	834.58	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	830.96	872.84	
185	864.77	908.32	
190	895.74	940.83	
195	923.74	970.22	
200	948.70	996.42	
205	970.61	1019.42	
210	989.47	1039.22	
215	1005.35	1055.89	
220	1018.30	1069.48	
225	1028.39	1080.08	
230	1035.70	1087.75	
235	1040.27	1092.55	
240	1042.15	1094.52	
245	1041.34	1093.67	
250	1037.85	1090.01	
255	1031.65	1083.49	
260	1022.67	1074.08	
265	1010.88	1061.69	
270	996.18	1046.26	
275	978.51	1027.72	
280	957.83	1006.01	
285	934.09	981.09	
290	907.30	952.97	
295	877.51	921.69	
300	844.81	887.38	
305	809.39	850.20	
310	771.48	810.41	
315	731.41	768.35	
320	689.58	724.45	
325	646.49	679.23	
330	602.71	633.30	
335	558.92	587.36	
340	515.87	542.19	
345	474.39	498.68	
350	435.38	457.77	
355	399.76	420.43	

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