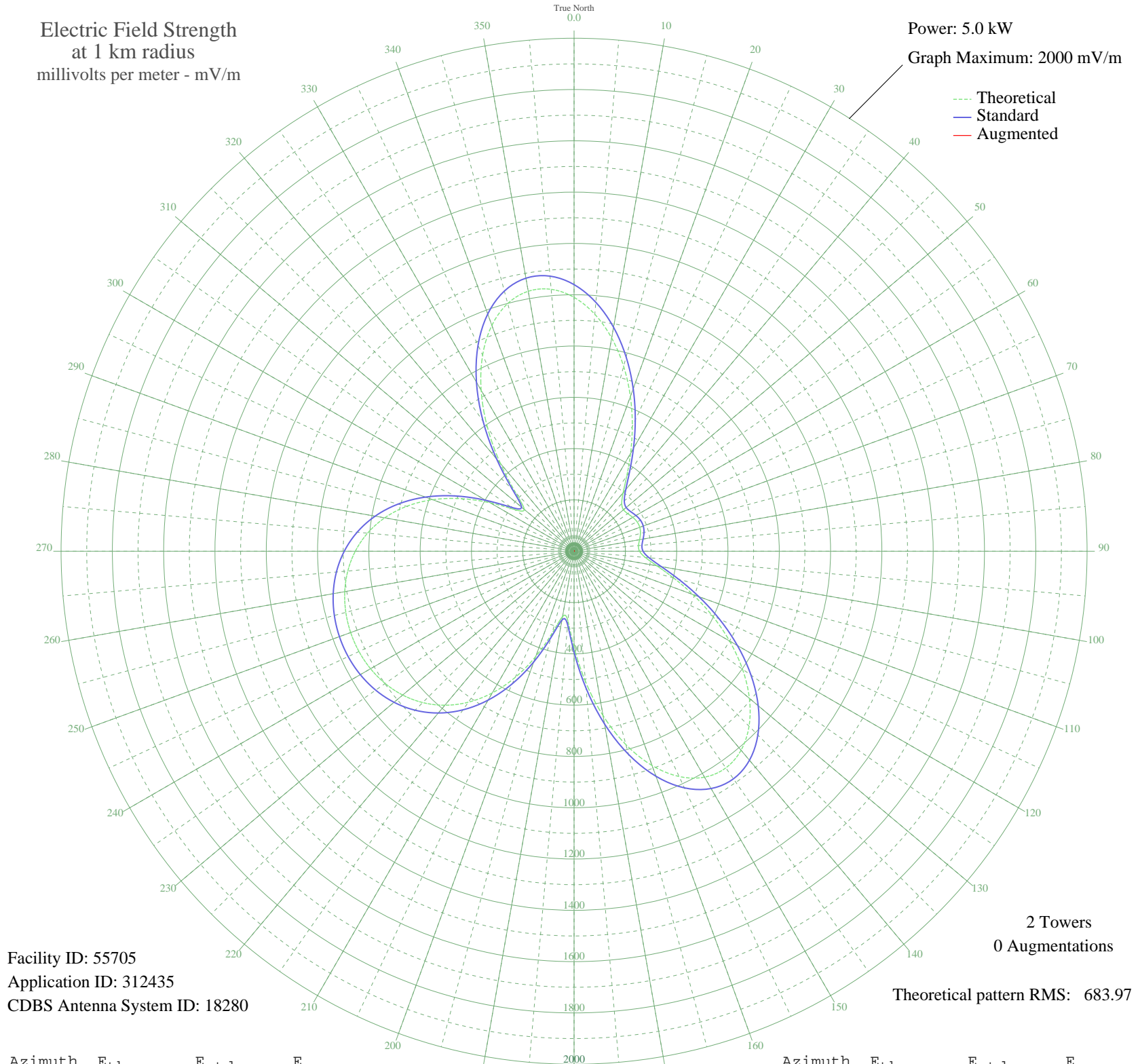


WJAS PITTSBURGH, PA BL-- 1320 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 55705
Application ID: 312435
CDBS Antenna System ID: 18280

2 Towers
0 Augmentations

Theoretical pattern RMS: 683.97

Azimuth	E _{theo}	E _{std}	E _{aug}
0	989.70	1039.45	
5	927.44	974.09	
10	844.08	886.59	
15	746.42	784.09	
20	641.70	674.19	
25	537.25	564.60	
30	440.36	462.98	
35	358.24	376.88	
40	297.64	313.40	
45	262.77	276.91	
50	251.58	265.20	
55	255.40	269.20	
60	264.25	278.46	
65	271.12	285.65	
70	272.53	287.11	
75	267.86	282.23	
80	259.25	273.22	
85	252.07	265.72	
90	255.24	269.03	
95	278.78	293.65	
100	328.07	345.28	
105	401.32	422.04	
110	492.48	517.64	
115	594.43	624.60	
120	699.94	735.31	
125	801.67	842.08	
130	892.31	937.22	
135	964.82	1013.33	
140	1012.86	1063.76	
145	1031.39	1083.22	
150	1017.16	1068.28	
155	969.18	1017.91	
160	888.94	933.68	
165	780.57	819.93	
170	650.89	683.84	
175	509.96	535.98	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	373.70	393.09	
185	273.02	287.63	
190	258.42	272.36	
195	331.16	348.51	
200	436.59	459.02	
205	542.73	570.35	
210	638.02	670.34	
215	718.60	754.90	
220	783.81	823.33	
225	834.51	876.55	
230	872.31	916.23	
235	898.99	944.23	
240	916.21	962.31	
245	925.26	971.80	
250	926.88	973.51	
255	921.22	967.56	
260	907.79	953.47	
265	885.53	930.11	
270	852.94	895.89	
275	808.23	848.97	
280	749.69	787.52	
285	676.03	710.22	
290	587.10	616.90	
295	485.01	509.80	
300	376.97	396.51	
305	283.53	298.63	
310	253.37	267.08	
315	321.39	338.28	
320	447.01	469.95	
325	588.39	618.25	
330	724.59	761.19	
335	843.52	886.01	
340	937.03	984.16	
345	999.81	1050.06	
350	1029.18	1080.90	
355	1025.05	1076.56	

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission