

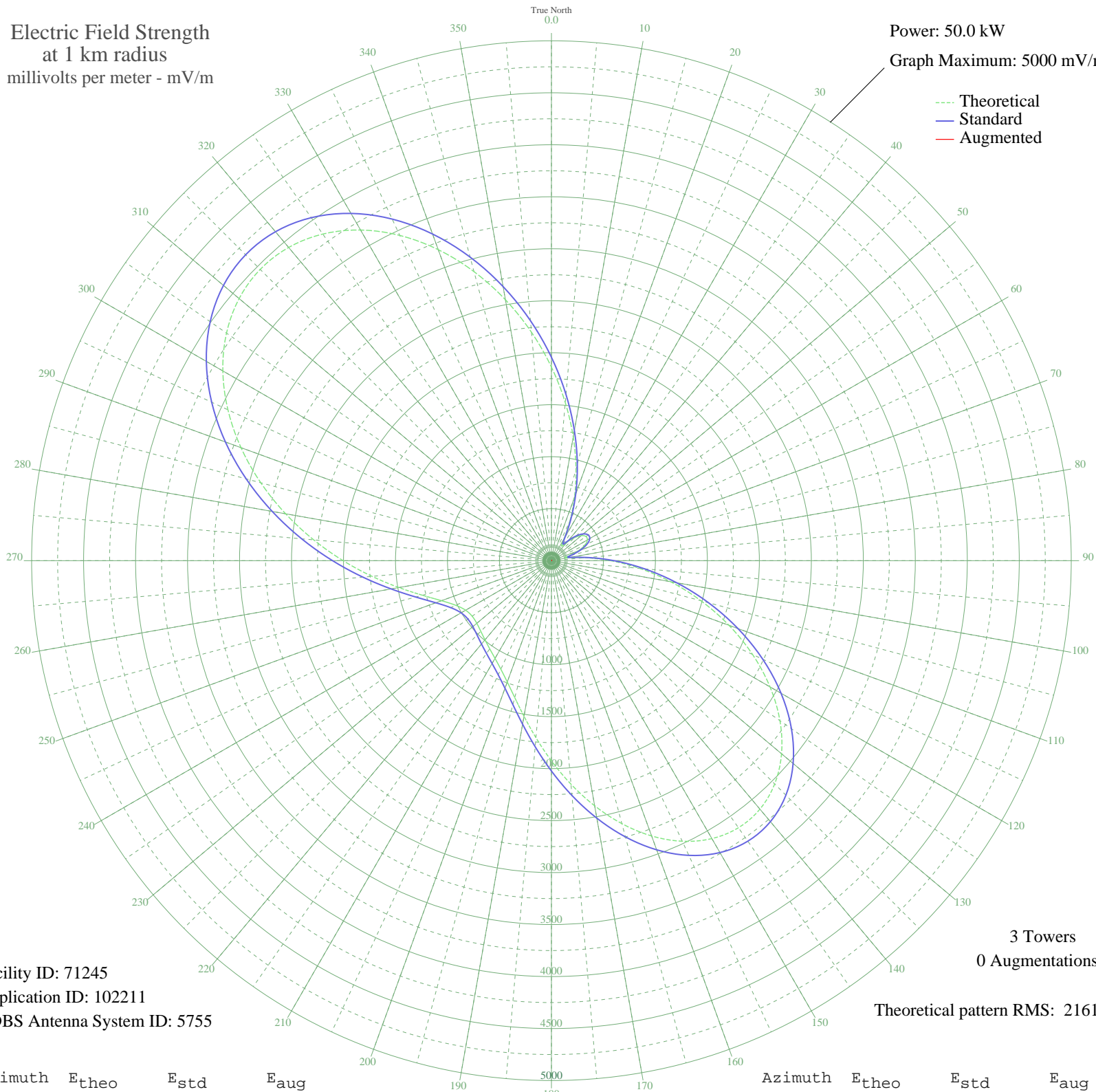
WWGB INDIAN HEAD, MD BL-19870616AA 1030 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 71245  
Application ID: 102211  
CDBS Antenna System ID: 5755

3 Towers  
0 Augmentations

Theoretical pattern RMS: 2161.06

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1861.86	1956.37	
5	1526.61	1604.66	
10	1208.13	1270.70	
15	913.12	961.64	
20	647.37	683.78	
25	417.71	444.84	
30	240.15	262.86	
35	169.37	192.71	
40	227.89	250.54	
45	311.81	335.72	
50	374.75	400.43	
55	405.26	431.95	
60	399.04	425.52	
65	354.24	379.29	
70	272.20	295.30	
75	168.22	191.60	
80	153.01	176.99	
85	323.67	347.87	
90	568.35	601.37	
95	852.54	898.24	
100	1163.25	1223.67	
105	1488.96	1565.17	
110	1817.22	1909.53	
115	2134.70	2242.66	
120	2427.71	2550.18	
125	2683.11	2818.24	
130	2889.23	3034.60	
135	3036.83	3189.53	
140	3119.82	3276.65	
145	3135.88	3293.51	
150	3086.63	3241.82	
155	2977.58	3127.35	
160	2817.67	2959.48	
165	2618.58	2750.51	
170	2393.90	2514.69	
175	2158.10	2267.23	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1925.53	2023.16	
185	1709.20	1796.19	
190	1519.59	1597.30	
195	1363.28	1433.37	
200	1241.79	1305.99	
205	1151.53	1211.38	
210	1085.27	1141.95	
215	1034.90	1089.17	
220	994.18	1046.53	
225	960.77	1011.54	
230	937.18	986.84	
235	930.90	980.26	
240	953.10	1003.50	
245	1015.37	1068.72	
250	1125.44	1184.05	
255	1284.75	1351.03	
260	1489.32	1565.54	
265	1731.97	1820.08	
270	2003.98	2105.49	
275	2295.62	2411.54	
280	2596.25	2727.07	
285	2894.32	3039.94	
290	3177.57	3337.27	
295	3433.45	3605.89	
300	3649.79	3833.00	
305	3815.55	4007.01	
310	3921.64	4118.39	
315	3961.68	4160.43	
320	3932.56	4129.86	
325	3834.70	4027.12	
330	3672.03	3856.34	
335	3451.64	3624.98	
340	3183.16	3343.15	
345	2877.93	3022.73	
350	2548.06	2676.50	
355	2205.63	2317.10	