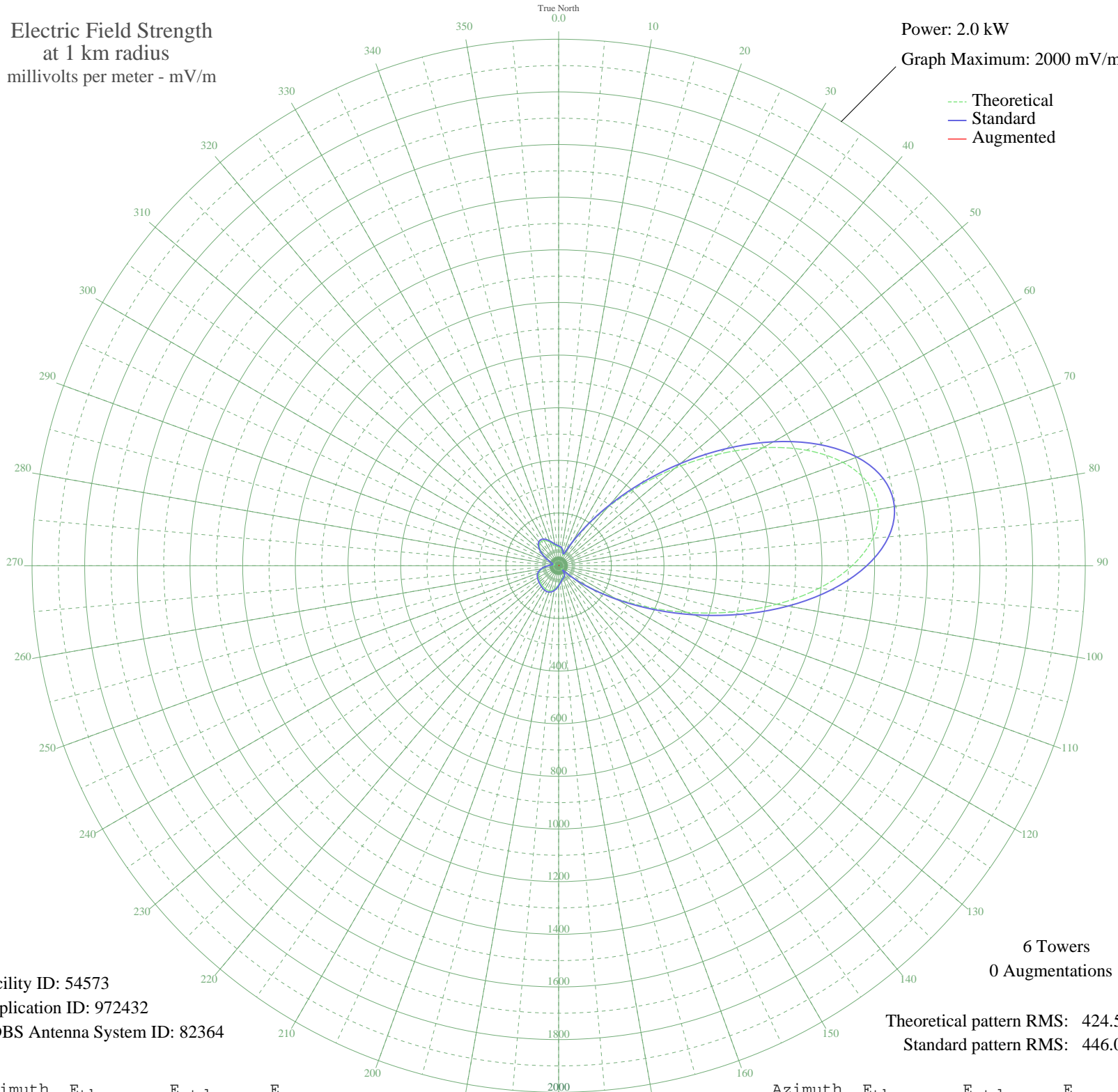


# WHOO WINTER PARK, FL BMJP-20040128AKY 1080 kHz

Nighttime

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

Power: 2.0 kW  
Graph Maximum: 2000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 54573  
Application ID: 972432  
CDBS Antenna System ID: 82364

6 Towers  
0 Augmentations

Theoretical pattern RMS: 424.54  
Standard pattern RMS: 446.01

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	70.41	75.41	
5	67.86	72.78	
10	63.60	68.41	
15	55.35	59.98	
20	44.37	48.90	
25	50.51	55.08	
30	97.42	103.37	
35	178.08	187.57	
40	287.43	302.16	
45	421.86	443.20	
50	575.13	604.07	
55	737.59	774.62	
60	896.69	941.64	
65	1038.28	1090.30	
70	1148.51	1206.02	
75	1215.84	1276.71	
80	1232.93	1294.66	
85	1197.83	1257.81	
90	1114.36	1170.17	
95	991.44	1041.12	
100	841.69	883.90	
105	679.41	713.53	
110	518.50	544.63	
115	370.67	389.49	
120	244.23	256.87	
125	143.61	151.52	
130	69.74	74.72	
135	22.44	27.85	
140	19.09	24.95	
145	33.06	37.76	
150	40.32	44.86	
155	43.54	48.07	
160	45.79	50.32	
165	49.09	53.64	
170	54.48	59.10	
175	62.11	66.89	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	71.37	76.39	
185	81.06	86.40	
190	89.82	95.47	
195	96.49	102.40	
200	100.43	106.49	
205	101.65	107.76	
210	100.78	106.85	
215	98.72	104.72	
220	96.29	102.19	
225	93.90	99.71	
230	91.62	97.34	
235	89.39	95.02	
240	87.04	92.59	
245	84.05	89.49	
250	79.44	84.73	
255	72.14	77.19	
260	61.71	66.47	
265	48.88	53.42	
270	35.59	40.21	
275	24.43	29.64	
280	17.30	23.46	
285	14.93	21.59	
290	19.75	25.50	
295	32.67	37.38	
300	50.72	55.28	
305	70.42	75.41	
310	88.58	94.19	
315	102.66	108.81	
320	111.07	117.57	
325	113.41	120.00	
330	110.32	116.79	
335	103.34	109.51	
340	94.43	100.26	
345	85.60	91.10	
350	78.38	83.63	
355	73.45	78.54	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission