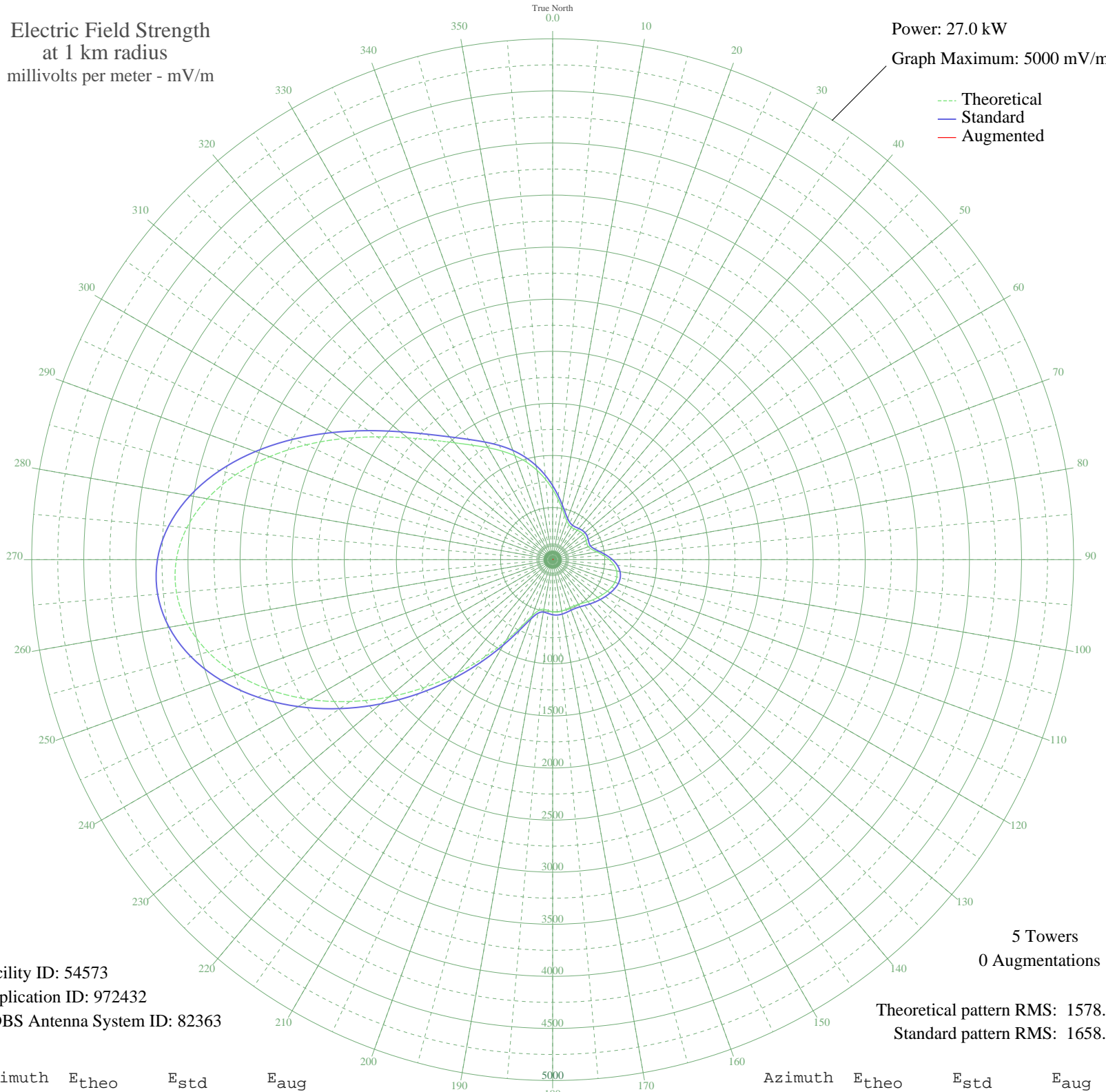


WHOO WINTER PARK, FL BMJP-20040128AKY 1080 kHz

Daytime

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

Power: 27.0 kW
Graph Maximum: 5000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 54573
Application ID: 972432
CDBS Antenna System ID: 82363

5 Towers
0 Augmentations

Theoretical pattern RMS: 1578.22
Standard pattern RMS: 1658.02

Azimuth	E _{theo}	E _{std}	E _{aug}
0	674.91	710.75	
5	584.07	615.70	
10	505.03	533.09	
15	441.87	467.16	
20	396.92	420.32	
25	370.18	392.50	
30	359.37	381.27	
35	360.41	382.35	
40	368.10	390.33	
45	376.83	399.41	
50	381.59	404.37	
55	379.39	402.08	
60	370.99	393.35	
65	362.43	384.45	
70	364.32	386.41	
75	386.48	409.46	
80	430.13	454.92	
85	486.70	513.93	
90	543.95	573.75	
95	591.52	623.49	
100	623.23	656.67	
105	637.40	671.50	
110	636.14	670.17	
115	623.90	657.36	
120	605.68	638.30	
125	585.41	617.10	
130	565.08	595.84	
135	545.20	575.06	
140	526.02	555.00	
145	508.64	536.85	
150	495.33	522.95	
155	488.52	515.84	
160	489.10	516.45	
165	495.16	522.78	
170	502.27	530.20	
175	505.23	533.29	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	500.70	528.56	
185	490.20	517.59	
190	483.78	510.89	
195	502.43	530.36	
200	571.63	602.69	
205	705.21	742.48	
210	899.68	946.23	
215	1143.51	1201.93	
220	1424.42	1496.64	
225	1730.77	1818.13	
230	2051.13	2154.37	
235	2373.63	2492.90	
240	2685.65	2820.46	
245	2973.77	3122.94	
250	3224.18	3385.83	
255	3423.46	3595.04	
260	3559.76	3738.15	
265	3624.18	3805.78	
270	3612.02	3793.01	
275	3523.78	3700.38	
280	3365.64	3534.34	
285	3149.17	3307.08	
290	2890.48	3035.49	
295	2608.71	2739.69	
300	2324.12	2440.93	
305	2055.66	2159.13	
310	1818.45	1910.15	
315	1621.19	1703.12	
320	1464.53	1538.72	
325	1341.55	1409.68	
330	1240.80	1303.99	
335	1150.45	1209.21	
340	1061.46	1115.87	
345	968.92	1018.83	
350	871.90	917.12	
355	772.53	812.99	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission