

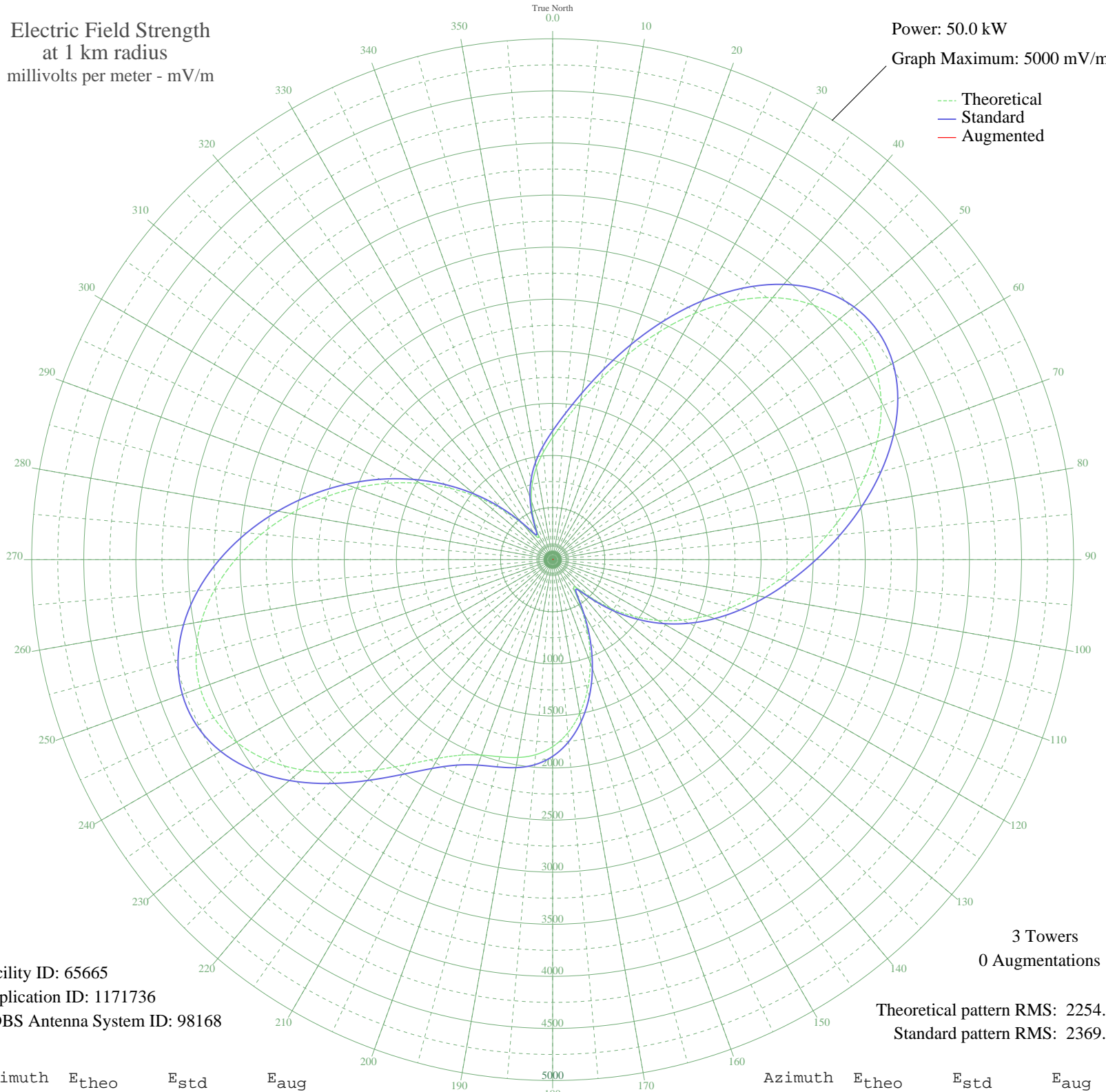
# KOVO BLUFFDALE, UT BMJP-20041029AIM 960 kHz

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: 65665  
Application ID: 1171736  
CDBS Antenna System ID: 98168

3 Towers  
0 Augmentations

Theoretical pattern RMS: 2254.99  
Standard pattern RMS: 2369.86

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1174.24	1237.02	
5	1339.82	1410.38	
10	1545.56	1625.94	
15	1797.83	1890.38	
20	2090.90	2197.73	
25	2408.82	2531.25	
30	2729.49	2867.72	
35	3028.79	3181.81	
40	3284.02	3449.68	
45	3476.67	3651.88	
50	3594.27	3775.32	
55	3631.54	3814.44	
60	3590.47	3771.33	
65	3479.61	3654.97	
70	3312.53	3479.60	
75	3105.71	3262.54	
80	2876.18	3021.66	
85	2639.18	2772.96	
90	2406.19	2528.49	
95	2183.69	2295.07	
100	1973.04	2074.12	
105	1771.34	1862.61	
110	1573.14	1654.83	
115	1372.40	1444.51	
120	1164.27	1226.60	
125	946.61	998.99	
130	722.08	764.79	
135	504.57	539.21	
140	346.55	377.45	
145	371.23	402.49	
150	563.19	599.80	
155	807.58	853.87	
160	1057.24	1114.62	
165	1292.06	1360.37	
170	1499.06	1577.21	
175	1668.78	1755.09	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1795.63	1888.08	
185	1879.59	1976.11	
190	1928.29	2027.18	
195	1958.70	2059.08	
200	1996.48	2098.70	
205	2070.49	2176.33	
210	2202.13	2314.41	
215	2395.20	2516.96	
220	2634.41	2767.95	
225	2892.58	3038.87	
230	3139.81	3298.32	
235	3349.78	3518.70	
240	3503.04	3679.56	
245	3587.99	3768.73	
250	3600.70	3782.06	
255	3543.78	3722.32	
260	3424.83	3597.47	
265	3254.46	3418.65	
270	3044.51	3198.31	
275	2806.43	2948.46	
280	2550.07	2679.46	
285	2283.11	2399.36	
290	2010.92	2113.85	
295	1736.96	1826.57	
300	1463.48	1539.92	
305	1192.37	1256.00	
310	926.30	977.77	
315	670.45	711.08	
320	437.66	470.36	
325	271.99	302.70	
330	281.74	312.37	
335	427.89	460.34	
340	596.56	634.37	
345	754.87	798.93	
350	898.16	948.39	
355	1033.13	1089.42	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission