

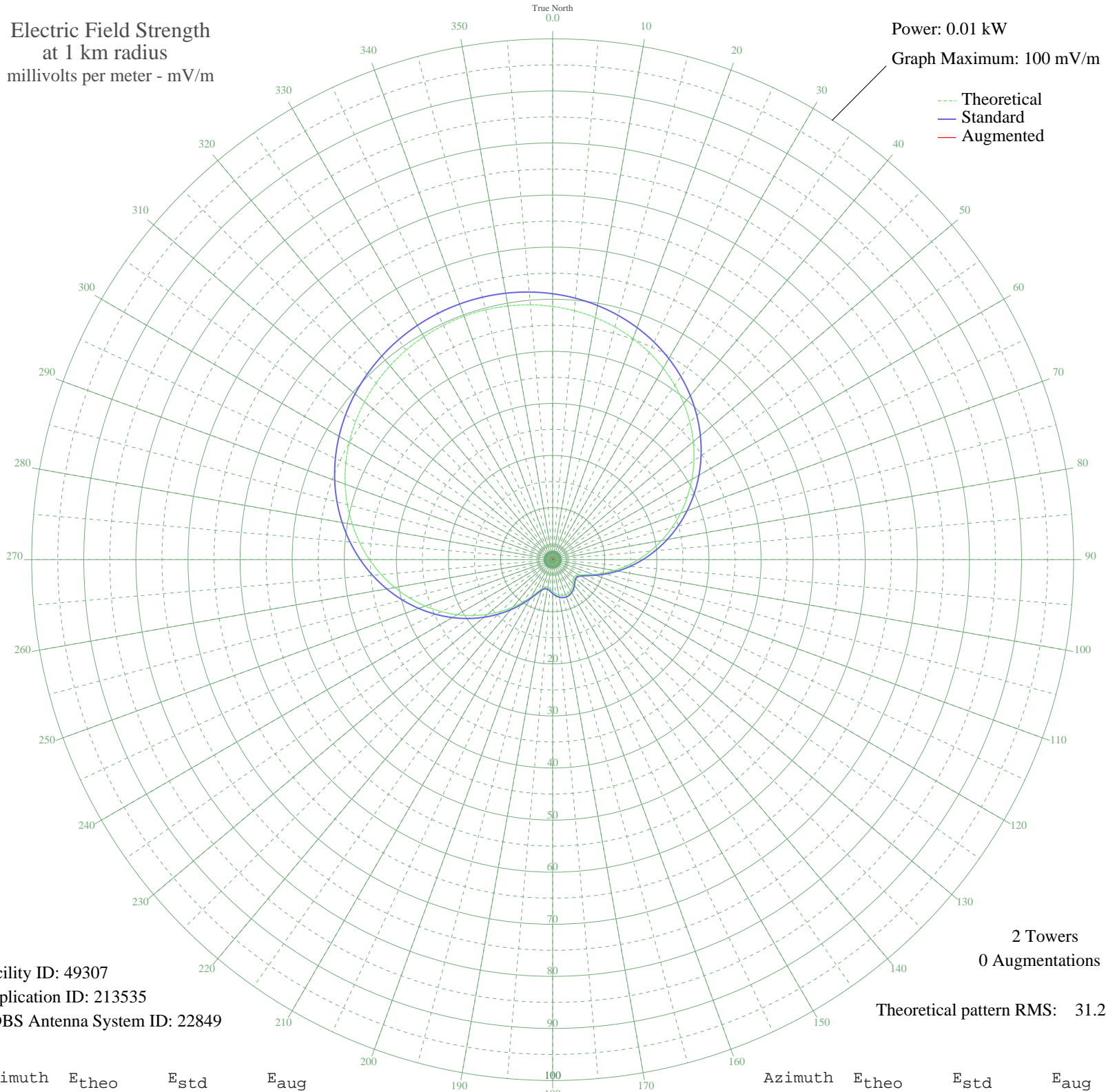
KQSP SHAKOPEE, MN BL-19950908AB 1530 kHz

Nighttime

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

Power: 0.01 kW
Graph Maximum: 100 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 49307
Application ID: 213535
CDBS Antenna System ID: 22849

2 Towers
0 Augmentations

Theoretical pattern RMS: 31.27

Azimuth	E _{theo}	E _{std}	E _{aug}
0	48.61	51.06	
5	47.97	50.38	
10	47.18	49.55	
15	46.23	48.56	
20	45.13	47.40	
25	43.87	46.07	
30	42.44	44.58	
35	40.86	42.92	
40	39.13	41.10	
45	37.25	39.13	
50	35.24	37.02	
55	33.10	34.78	
60	30.86	32.42	
65	28.53	29.97	
70	26.13	27.46	
75	23.69	24.91	
80	21.25	22.34	
85	18.82	19.79	
90	16.44	17.30	
95	14.15	14.90	
100	11.99	12.64	
105	10.01	10.57	
110	8.27	8.76	
115	6.86	7.29	
120	5.88	6.28	
125	5.38	5.77	
130	5.36	5.74	
135	5.64	6.04	
140	6.07	6.48	
145	6.51	6.93	
150	6.87	7.30	
155	7.10	7.54	
160	7.18	7.63	
165	7.11	7.55	
170	6.88	7.31	
175	6.53	6.95	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	6.09	6.50	
185	5.66	6.05	
190	5.36	5.75	
195	5.38	5.76	
200	5.85	6.25	
205	6.81	7.24	
210	8.21	8.69	
215	9.93	10.49	
220	11.91	12.55	
225	14.06	14.81	
230	16.35	17.20	
235	18.72	19.69	
240	21.15	22.24	
245	23.60	24.80	
250	26.03	27.36	
255	28.43	29.88	
260	30.77	32.32	
265	33.01	34.68	
270	35.16	36.93	
275	37.18	39.05	
280	39.06	41.03	
285	40.80	42.85	
290	42.38	44.52	
295	43.81	46.02	
300	45.08	47.35	
305	46.19	48.51	
310	47.14	49.52	
315	47.94	50.35	
320	48.59	51.03	
325	49.09	51.56	
330	49.45	51.93	
335	49.66	52.15	
340	49.73	52.23	
345	49.66	52.16	
350	49.46	51.94	
355	49.11	51.58	