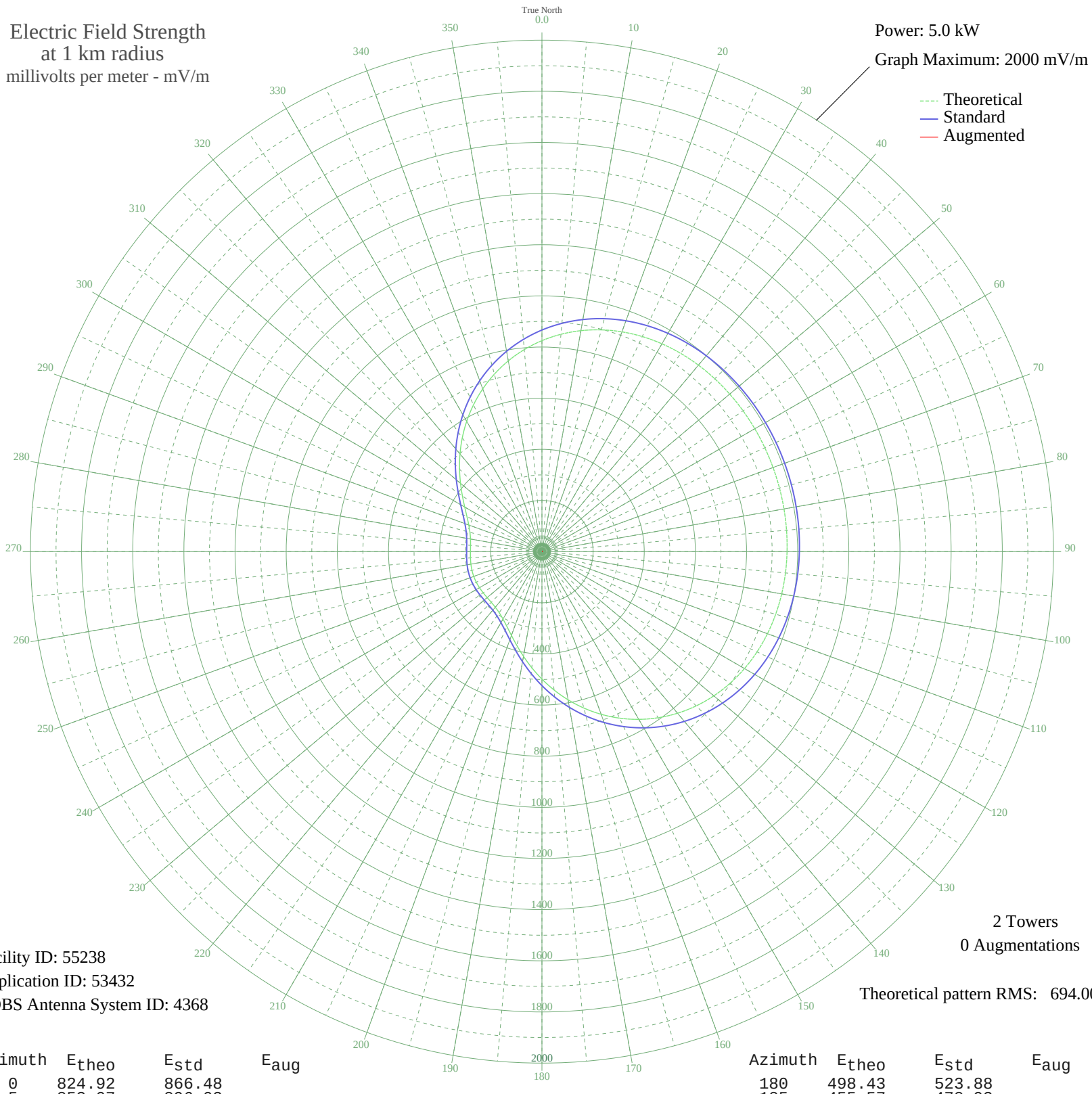
KSPZ AMMON, ID BL-19830308AA 980 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 55238
Application ID: 53432
CDBS Antenna System ID: 4368

Theoretical pattern RMS: 694.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	824.92	866.48	
5	853.07	896.03	
10	877.32	921.48	
15	897.74	942.92	
20	914.53	960.54	
25	927.96	974.64	
30	938.39	985.58	
35	946.22	993.81	
40	951.90	999.77	
45	955.84	1003.90	
50	958.44	1006.63	
55	960.06	1008.34	
60	961.00	1009.32	
65	961.47	1009.81	
70	961.61	1009.96	
75	961.47	1009.81	
80	961.00	1009.32	
85	960.06	1008.34	
90	958.44	1006.63	
95	955.84	1003.90	
100	951.90	999.77	
105	946.22	993.81	
110	938.39	985.59	
115	927.96	974.64	
120	914.53	960.54	
125	897.74	942.92	
130	877.32	921.48	
135	853.07	896.03	
140	824.92	866.48	
145	792.94	832.92	
150	757.34	795.56	
155	718.49	754.78	
160	676.91	711.15	
165	633.26	665.34	
170	588.33	618.19	
175	543.05	570.69	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	498.43	523.88	
185	455.57	478.93	
190	415.60	437.01	
195	379.63	399.31	
200	348.68	366.87	
205	323.50	340.49	
210	304.48	320.56	
215	291.45	306.92	
220	283.74	298.85	
225	280.21	295.16	
230	279.57	294.48	
235	280.52	295.48	
240	282.00	297.03	
245	283.20	298.29	
250	283.66	298.76	
255	283.20	298.29	
260	282.00	297.03	
265	280.52	295.48	
270	279.57	294.48	
275	280.21	295.16	
280	283.74	298.85	
285	291.45	306.92	
290	304.48	320.56	
295	323.50	340.49	
300	348.68	366.87	
305	379.63	399.31	
310	415.60	437.01	
315	455.57	478.93	
320	498.43	523.88	
325	543.05	570.69	
330	588.33	618.19	
335	633.26	665.34	
340	676.91	711.15	
345	718.49	754.78	
350	757.34	795.56	
355	792.94	832.92	

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