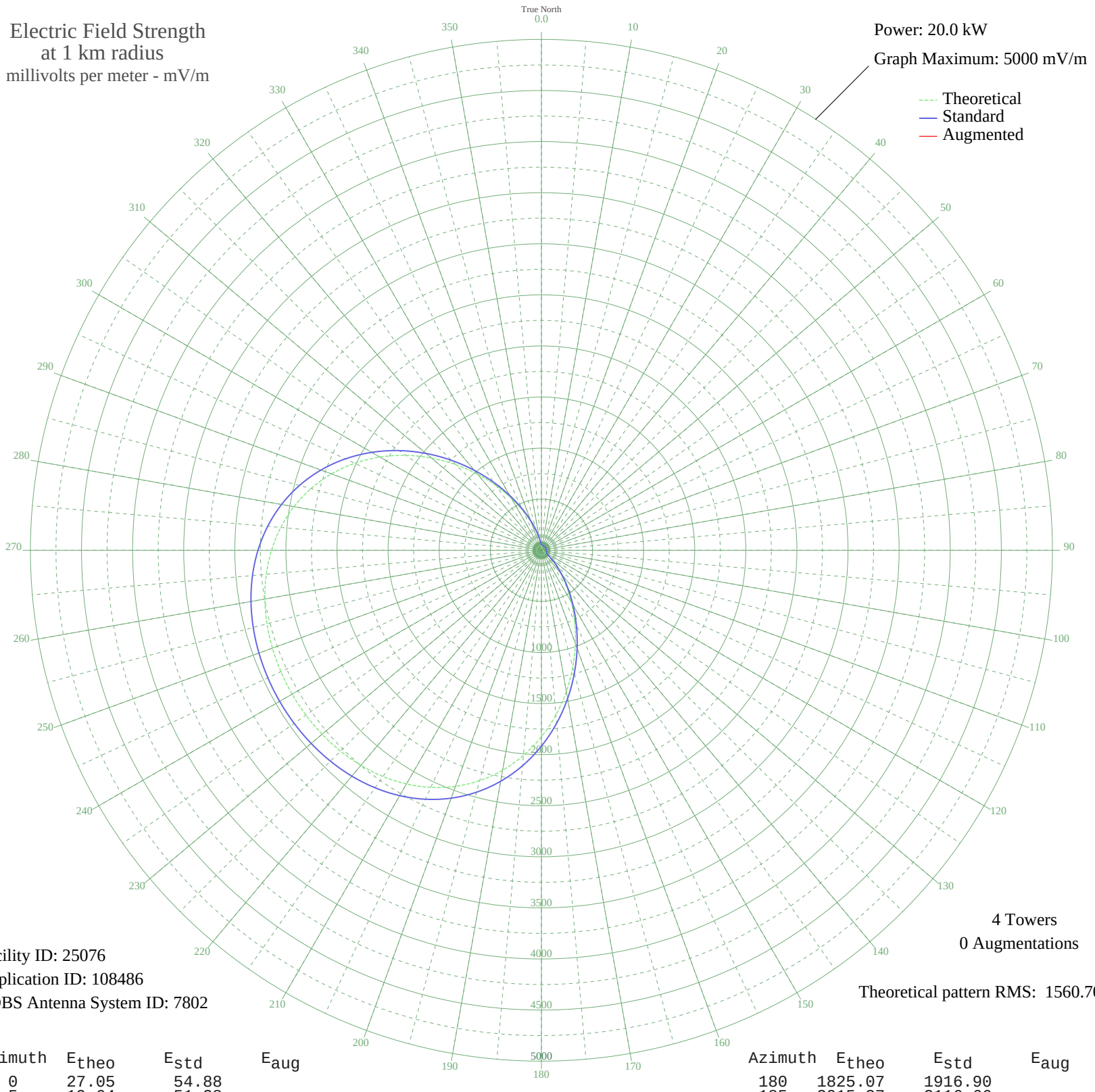
KDIS PASADENA, CA BL-19880120AE 1110 kHz

Nighttime

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



Power: 20.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 25076
Application ID: 108486
CDBS Antenna System ID: 7802

Theoretical pattern RMS: 1560.70

Azimuth	E_{theo}	E_{std}	E_{aug}
0	27.05	54.88	
5	19.64	51.28	
10	20.71	51.75	
15	19.75	51.33	
20	16.56	50.07	
25	12.80	48.84	
30	9.80	48.07	
35	8.14	47.73	
40	7.70	47.65	
45	8.03	47.71	
50	8.68	47.83	
55	9.28	47.96	
60	9.51	48.01	
65	9.28	47.96	
70	8.68	47.83	
75	8.03	47.71	
80	7.70	47.65	
85	8.14	47.73	
90	9.80	48.07	
95	12.80	48.84	
100	16.56	50.07	
105	19.75	51.33	
110	20.71	51.75	
115	19.64	51.28	
120	27.05	54.88	
125	56.73	75.85	
130	109.94	124.63	
135	188.22	203.13	
140	293.55	311.78	
145	426.66	450.45	
150	586.44	617.55	
155	769.74	809.58	
160	971.50	1021.16	
165	1185.25	1245.40	
170	1403.65	1474.58	
175	1619.23	1700.84	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1825.07	1916.90	
185	2015.37	2116.66	
190	2185.84	2295.62	
195	2333.88	2451.03	
200	2458.54	2581.89	
205	2560.31	2688.73	
210	2640.80	2773.24	
215	2702.39	2837.90	
220	2747.80	2885.57	
225	2779.73	2919.10	
230	2800.62	2941.03	
235	2812.36	2953.35	
240	2816.13	2957.31	
245	2812.36	2953.35	
250	2800.62	2941.03	
255	2779.73	2919.10	
260	2747.79	2885.57	
265	2702.39	2837.90	
270	2640.80	2773.24	
275	2560.30	2688.73	
280	2458.54	2581.89	
285	2333.88	2451.03	
290	2185.84	2295.61	
295	2015.37	2116.66	
300	1825.07	1916.90	
305	1619.23	1700.84	
310	1403.65	1474.58	
315	1185.25	1245.40	
320	971.50	1021.15	
325	769.73	809.58	
330	586.44	617.55	
335	426.66	450.45	
340	293.54	311.78	
345	188.22	203.13	
350	109.94	124.62	
355	56.73	75.85	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission