

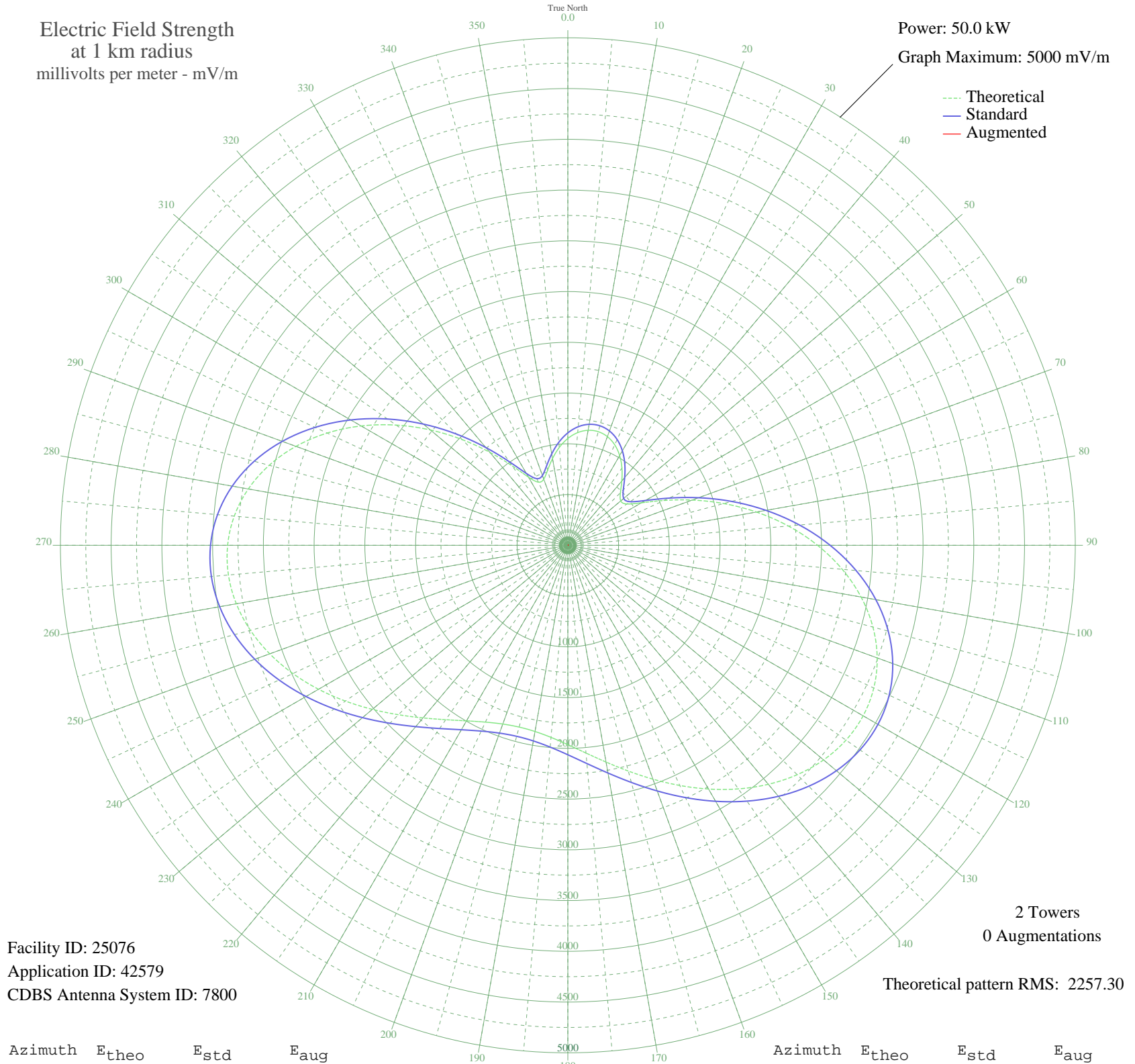
# KDIS PASADENA, CA BL-19820514AU 1110 kHz

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: 25076  
Application ID: 42579  
CDBS Antenna System ID: 7800

2 Towers  
0 Augmentations

Theoretical pattern RMS: 2257.30

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1052.58	1107.70	
5	1114.66	1172.75	
10	1150.68	1210.50	
15	1159.08	1219.30	
20	1139.54	1198.81	
25	1092.81	1149.85	
30	1021.14	1074.76	
35	929.26	978.54	
40	826.80	871.31	
45	732.71	772.92	
50	680.32	718.19	
55	709.98	749.17	
60	837.99	883.02	
65	1045.42	1100.20	
70	1303.70	1370.90	
75	1590.01	1671.16	
80	1887.22	1982.98	
85	2181.49	2291.77	
90	2460.83	2584.94	
95	2714.74	2851.44	
100	2934.28	3081.89	
105	3112.35	3268.81	
110	3243.98	3406.99	
115	3326.55	3493.67	
120	3359.88	3528.65	
125	3346.13	3514.22	
130	3289.60	3454.88	
135	3196.32	3356.96	
140	3073.60	3228.14	
145	2929.54	3076.91	
150	2772.50	2912.07	
155	2610.68	2742.22	
160	2451.71	2575.36	
165	2302.36	2418.62	
170	2168.40	2278.03	
175	2054.44	2158.44	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1963.99	2063.52	
185	1899.51	1995.86	
190	1862.57	1957.11	
195	1854.00	1948.11	
200	1873.97	1969.07	
205	1922.06	2019.53	
210	1997.17	2098.34	
215	2097.37	2203.49	
220	2219.82	2331.99	
225	2360.55	2479.69	
230	2514.50	2641.27	
235	2675.48	2810.24	
240	2836.34	2979.09	
245	2989.19	3139.53	
250	3125.72	3282.84	
255	3237.60	3400.29	
260	3317.00	3483.64	
265	3357.05	3525.68	
270	3352.37	3520.77	
275	3299.48	3465.25	
280	3197.12	3357.80	
285	3046.47	3199.65	
290	2851.09	2994.56	
295	2616.83	2748.68	
300	2351.59	2470.28	
305	2064.94	2169.45	
310	1767.96	1857.85	
315	1473.31	1548.76	
320	1195.90	1257.89	
325	954.82	1005.31	
330	775.66	817.83	
335	686.30	724.43	
340	693.57	732.02	
345	767.56	809.35	
350	868.12	914.54	
355	967.97	1019.08	

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