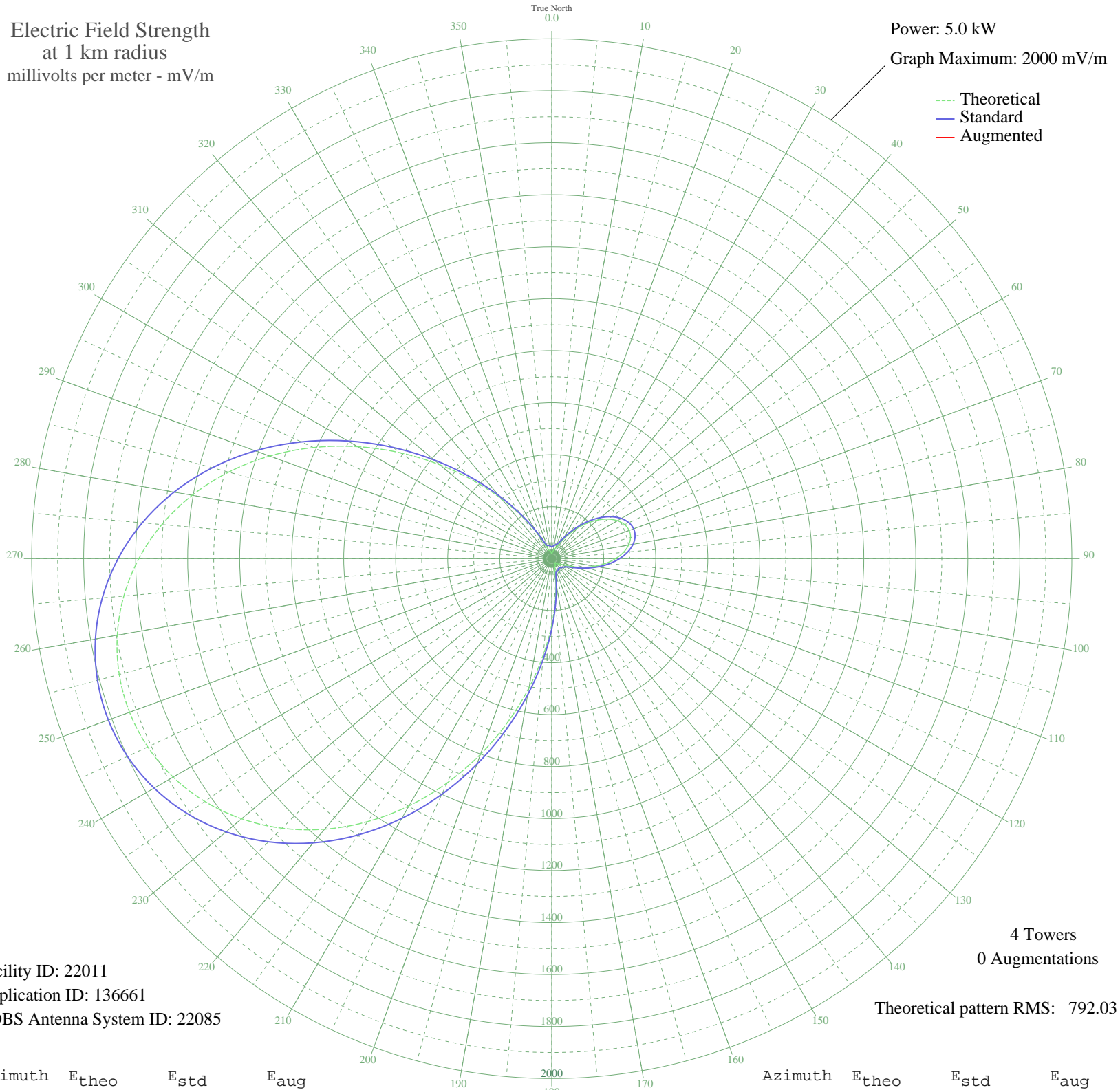


# KUTY PALMDALE, CA BL-19891206AF 1470 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 22011  
Application ID: 136661  
CDBS Antenna System ID: 22085

Theoretical pattern RMS: 792.03

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	18.87	44.91	
5	23.27	47.13	
10	30.49	51.47	
15	35.93	55.20	
20	41.94	59.70	
25	55.25	70.64	
30	79.57	92.76	
35	113.02	125.32	
40	151.84	164.45	
45	192.31	205.91	
50	231.00	245.88	
55	264.94	281.09	
60	291.67	308.89	
65	309.36	327.32	
70	316.84	335.11	
75	313.62	331.76	
80	299.91	317.47	
85	276.61	293.22	
90	245.30	260.69	
95	208.18	222.27	
100	168.03	180.98	
105	128.12	140.43	
110	92.05	104.72	
115	63.67	78.07	
120	46.03	62.93	
125	37.93	56.66	
130	32.89	53.08	
135	26.25	48.83	
140	19.72	45.31	
145	20.64	45.76	
150	27.61	49.65	
155	32.02	52.49	
160	32.66	52.92	
165	45.55	62.54	
170	88.44	101.23	
175	159.38	172.14	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	254.76	270.52	
185	371.25	391.89	
190	504.59	531.35	
195	649.61	683.28	
200	800.63	841.63	
205	951.95	1000.36	
210	1098.27	1153.89	
215	1235.08	1297.46	
220	1358.74	1427.25	
225	1466.60	1540.46	
230	1556.89	1635.23	
235	1628.52	1710.42	
240	1680.98	1765.48	
245	1714.03	1800.19	
250	1727.64	1814.47	
255	1721.81	1808.35	
260	1696.53	1781.81	
265	1651.82	1734.88	
270	1587.82	1667.69	
275	1504.90	1580.66	
280	1403.90	1474.64	
285	1286.29	1351.20	
290	1154.36	1212.75	
295	1011.35	1062.68	
300	861.43	905.40	
305	709.62	746.19	
310	561.51	590.96	
315	422.83	445.80	
320	299.04	316.56	
325	194.77	208.44	
330	113.69	125.99	
335	59.02	73.93	
340	34.82	54.41	
345	32.34	52.70	
350	29.99	51.15	
355	23.26	47.12	

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