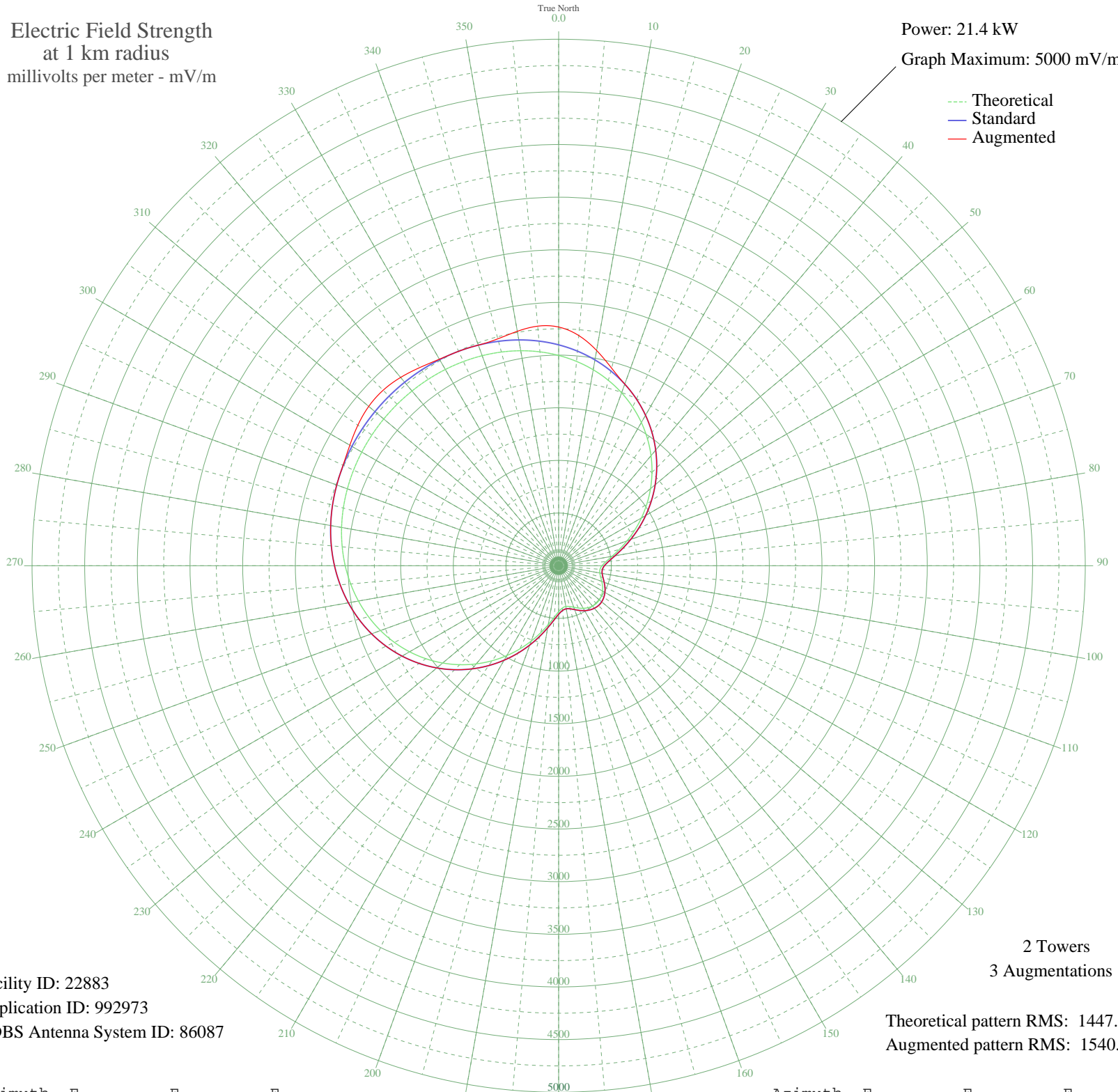


# KSTE RANCHO CORDOVA, CA BL-20040507ABN 650 kHz

Daytime

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

Power: 21.4 kW  
Graph Maximum: 5000 mV/m



Facility ID: 22883  
Application ID: 992973  
CDBS Antenna System ID: 86087

Theoretical pattern RMS: 1447.03  
Augmented pattern RMS: 1540.44

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1997.35	2097.78	2267.00
5	1947.79	2045.76	2194.44
10	1889.77	1984.86	2075.80
15	1822.99	1914.75	1942.79
20	1747.35	1835.36	1835.36
25	1663.05	1746.88	1746.88
30	1570.56	1649.80	1649.80
35	1470.64	1544.94	1544.94
40	1364.37	1433.42	1433.42
45	1253.13	1316.68	1316.68
50	1138.58	1196.50	1196.50
55	1022.67	1074.90	1074.90
60	907.64	954.26	954.26
65	796.07	837.28	837.28
70	690.93	727.11	727.11
75	595.74	627.41	627.41
80	514.56	542.47	542.47
85	451.84	476.91	476.91
90	411.31	434.60	434.60
95	393.96	416.50	416.50
100	396.60	419.25	419.25
105	412.82	436.17	436.17
110	435.70	460.05	460.05
115	459.62	485.04	485.04
120	480.66	507.03	507.03
125	496.32	523.39	523.39
130	505.12	532.60	534.34
135	506.36	533.89	536.11
140	499.93	527.17	527.20
145	486.35	512.97	512.97
150	466.81	492.55	492.55
155	443.46	468.16	468.16
160	419.72	443.37	443.37
165	400.65	423.48	423.48
170	392.90	415.39	415.39
175	403.30	426.24	426.24

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	436.33	460.72	460.72
185	492.27	519.17	519.17
190	568.02	598.40	598.40
195	659.21	693.87	693.87
200	761.57	801.12	801.12
205	871.43	916.29	916.29
210	985.65	1036.07	1036.07
215	1101.53	1157.63	1157.63
220	1216.75	1278.51	1278.51
225	1329.24	1396.55	1396.55
230	1437.27	1509.91	1509.91
235	1539.35	1617.05	1617.05
240	1634.32	1716.72	1716.72
245	1721.30	1808.02	1808.02
250	1799.74	1890.36	1890.36
255	1869.36	1963.43	1963.43
260	1930.16	2027.25	2027.25
265	1982.38	2082.07	2082.07
270	2026.47	2128.35	2128.35
275	2063.02	2166.71	2166.71
280	2092.73	2197.91	2197.91
285	2116.38	2222.73	2222.73
290	2134.72	2241.98	2241.98
295	2148.47	2256.42	2258.47
300	2158.28	2266.71	2289.35
305	2164.65	2273.40	2327.15
310	2167.95	2276.87	2354.02
315	2168.40	2277.34	2356.88
320	2166.02	2274.84	2334.44
325	2160.67	2269.22	2297.80
330	2152.01	2260.13	2264.69
335	2139.59	2247.09	2247.09
340	2122.79	2229.46	2229.46
345	2100.92	2206.51	2230.88
350	2073.23	2177.44	2260.65
355	2038.95	2141.45	2283.91