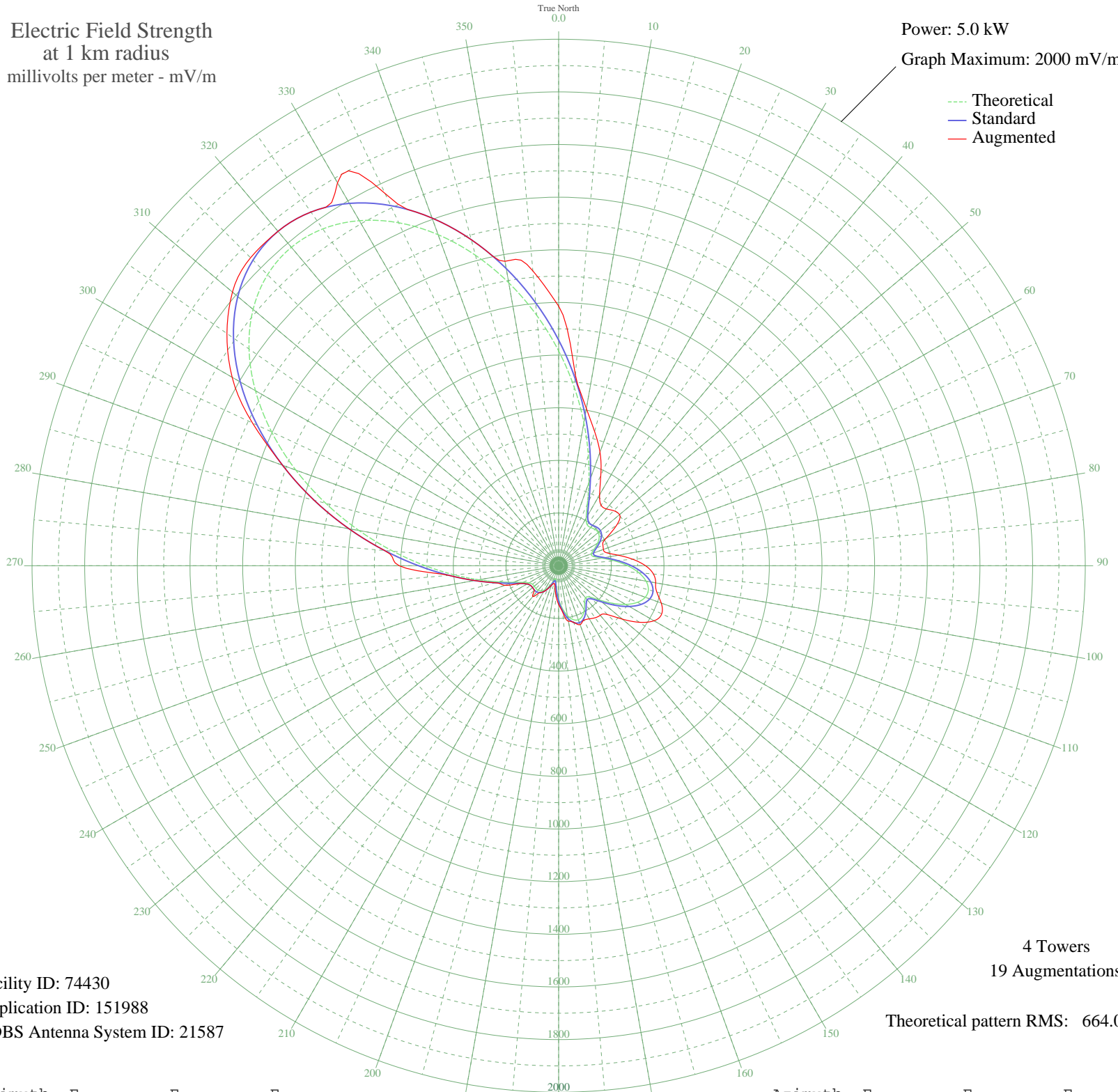


# KVON NAPA, CA BL-19900830AC 1440 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 74430  
Application ID: 151988  
CDBS Antenna System ID: 21587

4 Towers  
19 Augmentations

Theoretical pattern RMS: 664.02

Azimuth	Etheo	Estd	Eaug
0	816.07	857.19	986.21
5	680.30	714.70	727.76
10	551.91	579.98	606.31
15	435.33	457.70	527.66
20	335.43	352.98	458.94
25	257.98	271.90	378.71
30	208.94	220.64	310.86
35	189.29	200.14	280.68
40	189.43	200.28	281.77
45	195.02	206.11	295.69
50	195.97	207.11	301.92
55	187.84	198.63	269.29
60	170.57	180.63	206.92
65	148.48	157.67	185.44
70	132.05	140.62	180.85
75	136.41	145.15	189.41
80	166.83	176.73	229.90
85	212.85	224.72	282.43
90	262.09	276.20	329.92
95	305.61	321.75	361.33
100	337.18	354.82	374.31
105	352.67	371.05	385.77
110	350.04	368.29	414.71
115	329.51	346.78	432.09
120	293.79	309.38	418.27
125	248.43	261.90	374.51
130	202.33	213.74	315.46
135	168.33	178.30	262.76
140	158.75	168.33	245.80
145	172.22	182.35	241.32
150	194.18	205.23	233.04
155	211.76	223.58	227.90
160	218.32	230.43	238.18
165	211.65	223.47	223.47
170	192.33	203.31	214.21
175	162.77	172.52	177.91

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.

17 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	126.69	135.08	147.14
185	89.19	96.55	115.00
190	58.78	66.04	81.23
195	51.05	58.52	69.70
200	67.21	74.37	78.48
205	88.44	95.78	95.78
210	105.70	113.44	113.44
215	116.73	124.79	124.79
220	121.72	129.94	152.89
225	122.24	130.48	130.48
230	121.05	129.25	129.25
235	122.04	130.27	130.27
240	130.02	138.52	138.52
245	149.73	158.96	158.96
250	184.68	195.33	217.26
255	236.95	249.90	249.90
260	307.82	324.06	324.06
265	397.82	418.37	418.37
270	506.43	532.27	605.60
275	631.64	663.64	663.64
280	769.78	808.61	808.61
285	915.57	961.64	961.64
290	1062.44	1115.80	1115.80
295	1202.99	1263.36	1283.04
300	1329.72	1396.40	1431.83
305	1435.62	1507.59	1537.94
310	1514.91	1590.83	1617.23
315	1563.46	1641.80	1654.65
320	1579.16	1658.28	1658.28
325	1561.92	1640.18	1640.18
330	1513.57	1589.42	1679.76
335	1437.51	1509.57	1560.35
340	1338.27	1405.38	1405.38
345	1221.08	1282.35	1282.35
350	1091.42	1146.23	1174.23
355	954.70	1002.71	1124.23