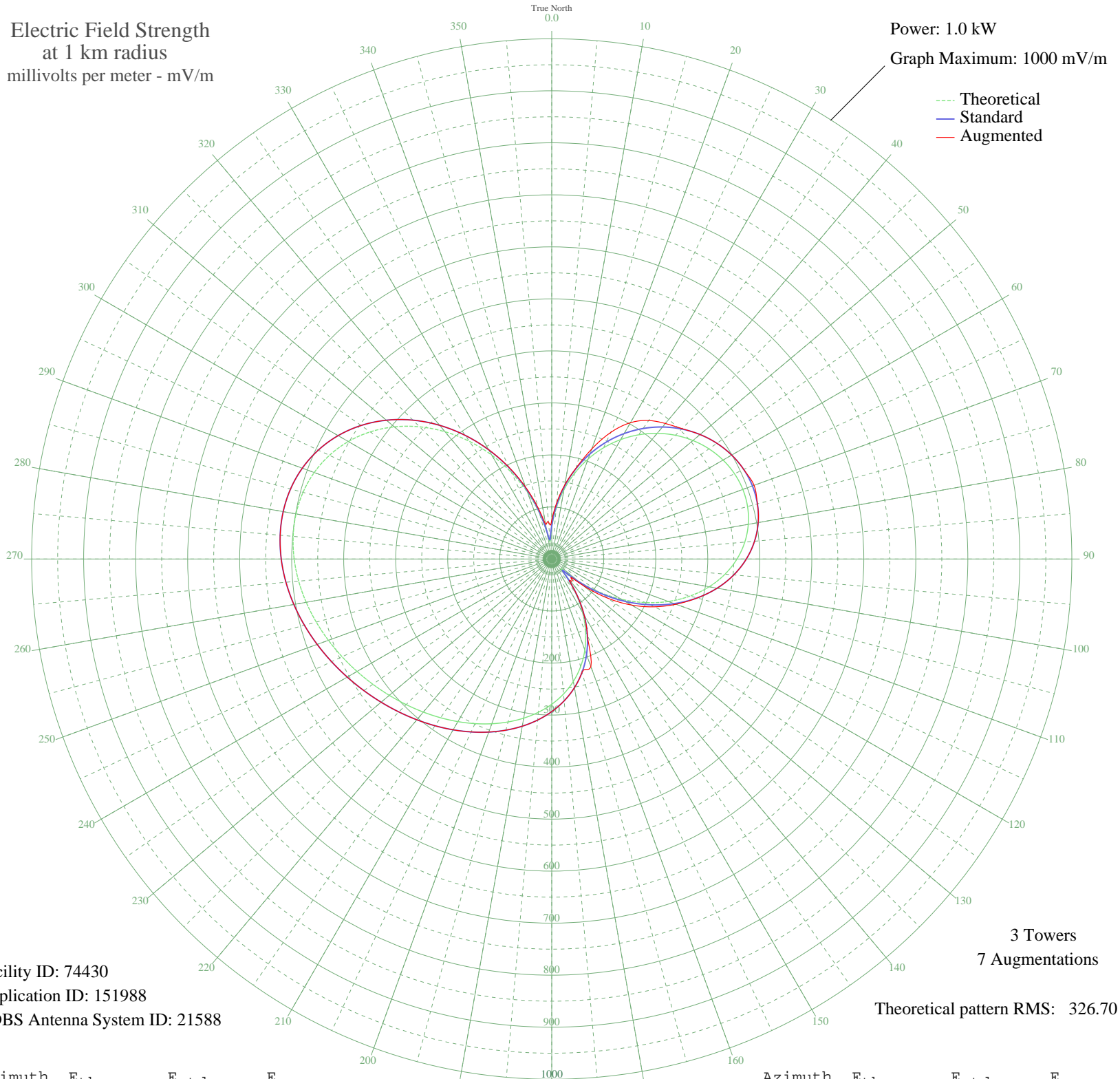


# KVON NAPA, CA BL-19900830AC 1440 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 74430  
Application ID: 151988  
CDBS Antenna System ID: 21588

3 Towers  
7 Augmentations  
Theoretical pattern RMS: 326.70

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	60.55	64.44	74.29
5	97.74	103.16	108.28
10	135.06	142.21	144.69
15	170.81	179.66	181.29
20	204.50	214.98	225.11
25	235.92	247.94	268.49
30	264.95	278.39	302.50
35	291.46	306.21	324.99
40	315.31	331.24	339.98
45	336.34	353.32	354.44
50	354.36	372.22	372.22
55	369.11	387.71	387.71
60	380.35	399.50	399.50
65	387.75	407.27	407.27
70	391.00	410.69	414.05
75	389.77	409.39	409.39
80	383.73	403.05	403.05
85	372.61	391.38	391.38
90	356.21	374.17	374.17
95	334.45	351.33	351.33
100	307.41	322.95	322.95
105	275.34	289.30	289.58
110	238.71	250.87	254.32
115	198.23	208.40	217.44
120	154.83	162.91	177.03
125	109.77	115.73	131.30
130	65.07	69.13	80.76
135	28.79	32.00	53.07
140	41.28	44.60	53.38
145	79.70	84.34	84.34
150	118.29	124.65	124.65
155	153.99	162.03	162.03
160	186.06	195.65	220.00
165	214.35	225.31	225.31
170	239.03	251.20	251.20
175	260.49	273.71	273.71

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	279.22	293.37	293.37
185	295.77	310.73	310.73
190	310.63	326.34	326.34
195	324.26	340.64	340.64
200	337.01	354.02	354.02
205	349.16	366.77	366.77
210	360.94	379.13	379.13
215	372.54	391.30	391.30
220	384.11	403.46	403.46
225	395.81	415.73	415.73
230	407.72	428.23	428.23
235	419.88	441.00	441.00
240	432.26	453.99	453.99
245	444.71	467.06	467.06
250	456.98	479.95	479.95
255	468.70	492.25	492.25
260	479.39	503.46	503.46
265	488.46	512.99	512.99
270	495.26	520.13	520.13
275	499.09	524.15	524.15
280	499.25	524.32	524.32
285	495.07	519.93	519.93
290	485.99	510.40	510.40
295	471.58	495.27	495.27
300	451.60	474.30	474.30
305	426.04	447.46	447.46
310	395.13	415.02	415.02
315	359.34	377.45	377.45
320	319.36	335.49	335.49
325	276.07	290.06	290.09
330	230.44	242.19	242.57
335	183.56	193.02	194.29
340	136.57	143.78	146.75
345	90.96	96.08	102.19
350	50.34	53.89	67.64
355	33.88	37.09	71.16

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