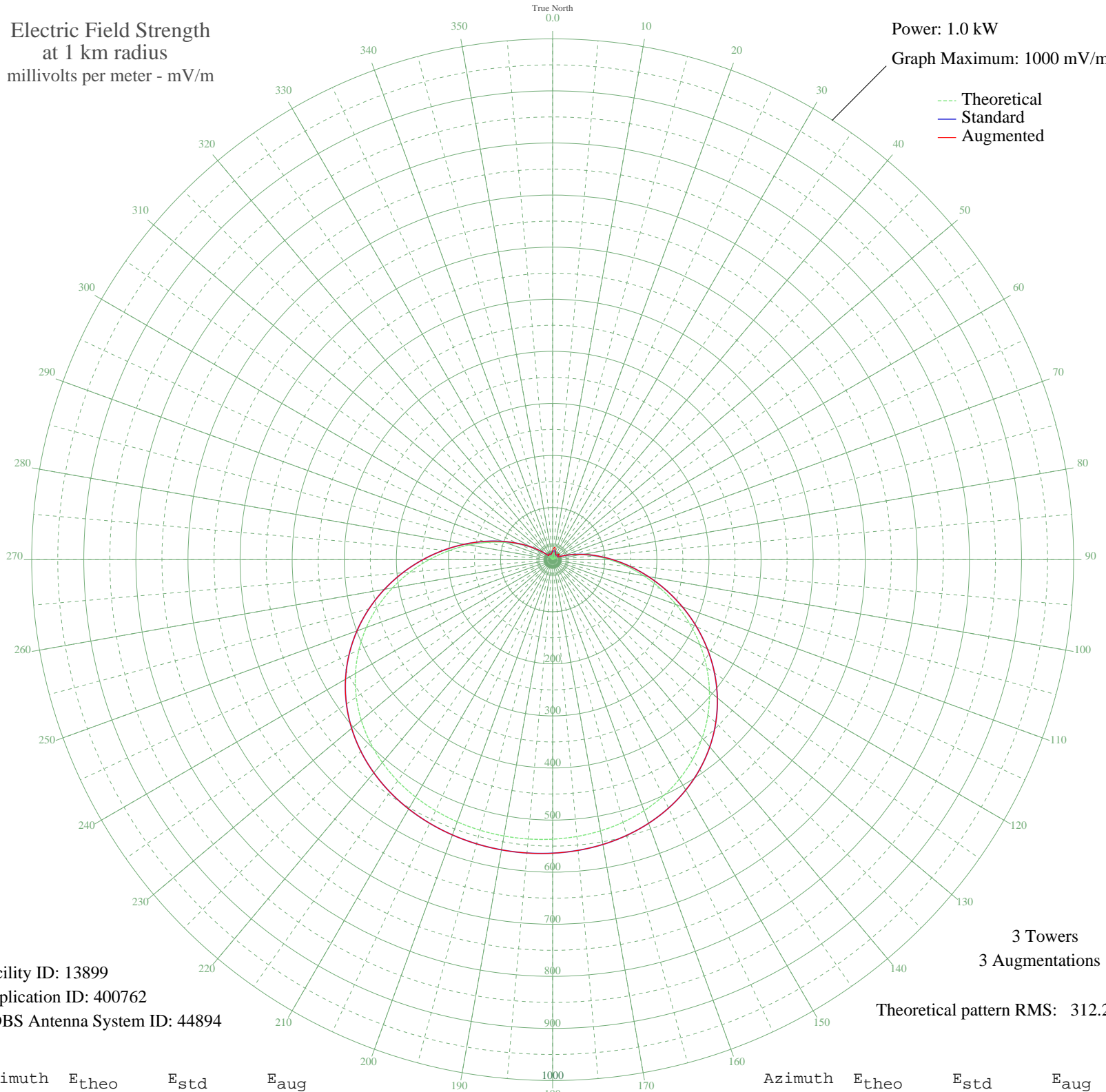


KSPA ONTARIO, CA BL-- 1510 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 13899
Application ID: 400762
CDBS Antenna System ID: 44894

3 Towers
3 Augmentations

Theoretical pattern RMS: 312.21

Azimuth	E _{theo}	E _{std}	E _{aug}
0	11.45	15.96	16.62
5	13.04	17.26	22.16
10	13.42	17.58	24.01
15	12.54	16.84	20.02
20	10.50	15.22	15.22
25	7.48	13.11	13.15
30	3.83	11.24	11.38
35	0.04	10.50	10.80
40	3.58	11.15	11.57
45	6.18	12.34	13.14
50	7.18	12.93	16.21
55	5.88	12.18	12.62
60	1.63	10.64	11.02
65	6.19	12.35	12.55
70	18.05	21.67	21.72
75	34.29	37.50	37.51
80	55.01	58.71	58.71
85	80.12	84.78	84.78
90	109.27	115.22	115.22
95	141.89	149.35	149.35
100	177.21	186.37	186.37
105	214.33	225.29	225.29
110	252.25	265.07	265.07
115	289.96	304.64	304.64
120	326.51	343.00	343.00
125	361.05	379.25	379.25
130	392.90	412.68	412.68
135	421.56	442.76	442.76
140	446.74	469.20	469.20
145	468.34	491.86	491.86
150	486.41	510.84	510.84
155	501.16	526.32	526.32
160	512.89	538.63	538.63
165	521.94	548.14	548.14
170	528.70	555.23	555.23
175	533.49	560.27	560.27

Azimuth	E _{theo}	E _{std}	E _{aug}
180	536.63	563.56	563.56
185	538.32	565.33	565.33
190	538.70	565.74	565.74
195	537.81	564.79	564.79
200	535.56	562.43	562.43
205	531.79	558.48	558.48
210	526.25	552.66	552.66
215	518.62	544.65	544.65
220	508.54	534.07	534.07
225	495.64	520.53	520.53
230	479.59	503.68	503.68
235	460.13	483.25	483.25
240	437.10	459.07	459.07
245	410.50	431.15	431.15
250	380.52	399.68	399.68
255	347.52	365.05	365.05
260	312.09	327.86	327.86
265	274.97	288.90	288.90
270	237.05	249.13	249.13
275	199.33	209.56	209.56
280	162.82	171.28	171.28
285	128.47	135.30	135.30
290	97.16	102.56	102.56
295	69.57	73.80	73.80
300	46.19	49.62	49.62
305	27.26	30.49	30.49
310	12.80	17.05	17.05
315	2.60	10.85	10.85
320	3.73	11.21	11.21
325	6.72	12.65	12.65
330	7.02	12.83	12.83
335	5.29	11.88	11.88
340	2.24	10.76	10.76
345	1.50	10.62	10.62
350	5.34	11.90	11.90
355	8.78	13.98	13.98

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission