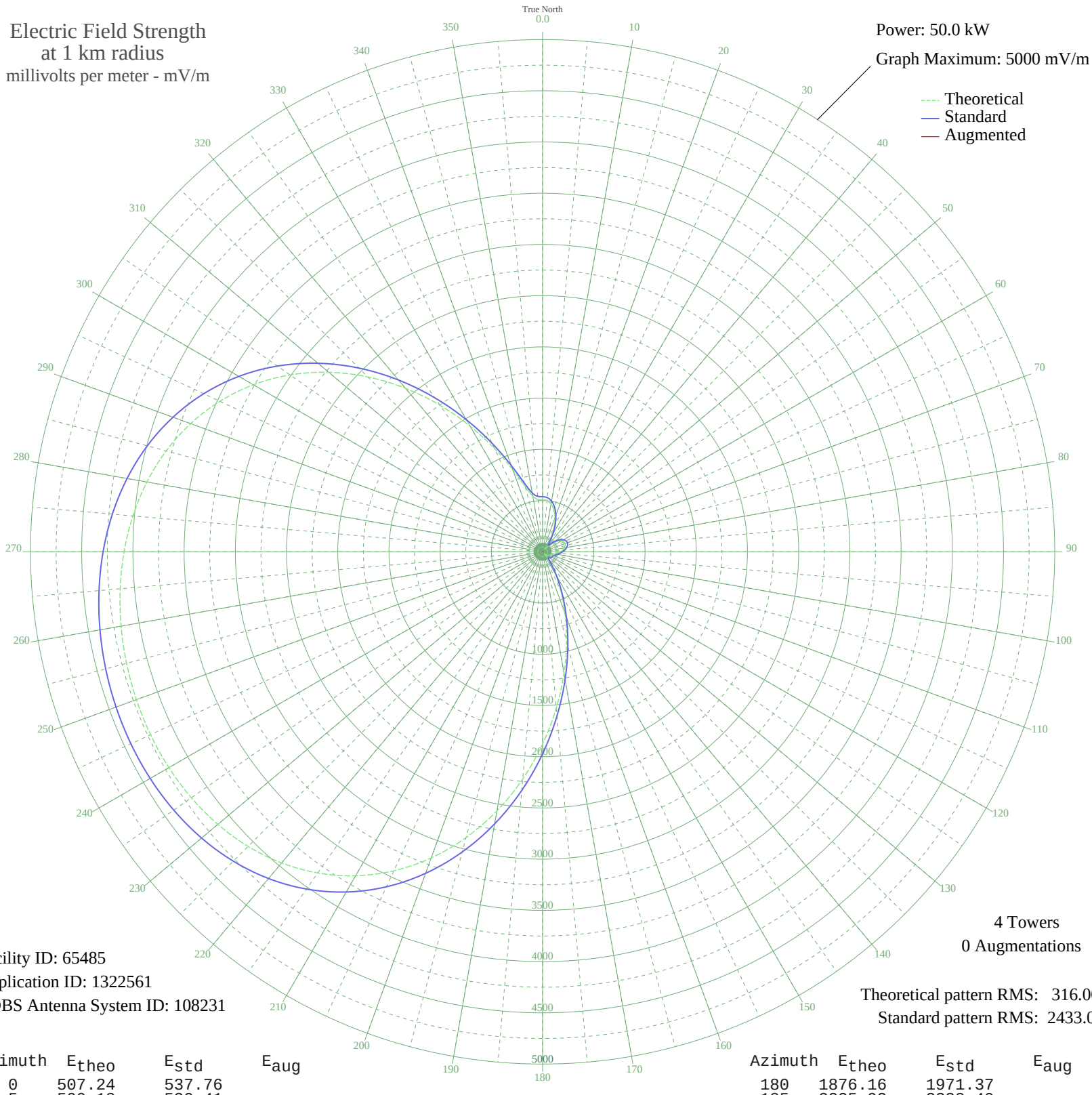
KDOW PALO ALTO, CA BP-20081113AEA 1220 kHz

Nighttime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 65485
Application ID: 1322561
CDBS Antenna System ID: 108231

Theoretical pattern RMS: 316.00
Standard pattern RMS: 2433.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	507.24	537.76	
5	500.18	530.41	
10	473.57	502.76	
15	423.35	450.68	
20	352.84	377.85	
25	268.69	291.74	
30	178.64	201.73	
35	90.87	120.90	
40	30.04	80.67	
45	77.77	110.37	
50	135.54	160.52	
55	180.77	203.81	
60	211.99	234.65	
65	229.66	252.31	
70	234.99	257.67	
75	229.72	252.37	
80	215.87	238.51	
85	195.68	218.47	
90	171.52	194.80	
95	145.75	170.10	
100	120.76	146.93	
105	98.96	127.71	
110	82.74	114.28	
115	73.49	107.08	
120	69.51	104.11	
125	65.27	101.04	
130	53.47	93.08	
135	29.65	80.51	
140	42.85	86.82	
145	126.17	151.87	
150	252.82	275.65	
155	424.42	451.79	
160	642.01	678.19	
165	903.37	951.44	
170	1202.67	1264.98	
175	1530.79	1609.04	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1876.16	1971.37	
185	2225.92	2338.40	
190	2567.19	2696.57	
195	2888.32	3033.65	
200	3179.91	3339.73	
205	3435.38	3607.91	
210	3651.24	3834.52	
215	3826.89	4018.92	
220	3964.15	4163.02	
225	4066.64	4270.62	
230	4138.99	4346.58	
235	4186.20	4396.13	
240	4212.98	4424.25	
245	4223.32	4435.10	
250	4220.14	4431.77	
255	4205.12	4416.00	
260	4178.62	4388.18	
265	4139.70	4347.32	
270	4086.25	4291.21	
275	4015.18	4216.60	
280	3922.69	4119.49	
285	3804.61	3995.53	
290	3656.91	3840.47	
295	3476.22	3650.78	
300	3260.44	3424.27	
305	3009.42	3160.76	
310	2725.52	2862.75	
315	2414.06	2535.85	
320	2083.61	2189.05	
325	1745.94	1834.74	
330	1415.89	1488.54	
335	1111.12	1169.04	
340	852.06	897.74	
345	660.51	697.50	
350	551.09	583.38	
355	512.50	543.22	

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