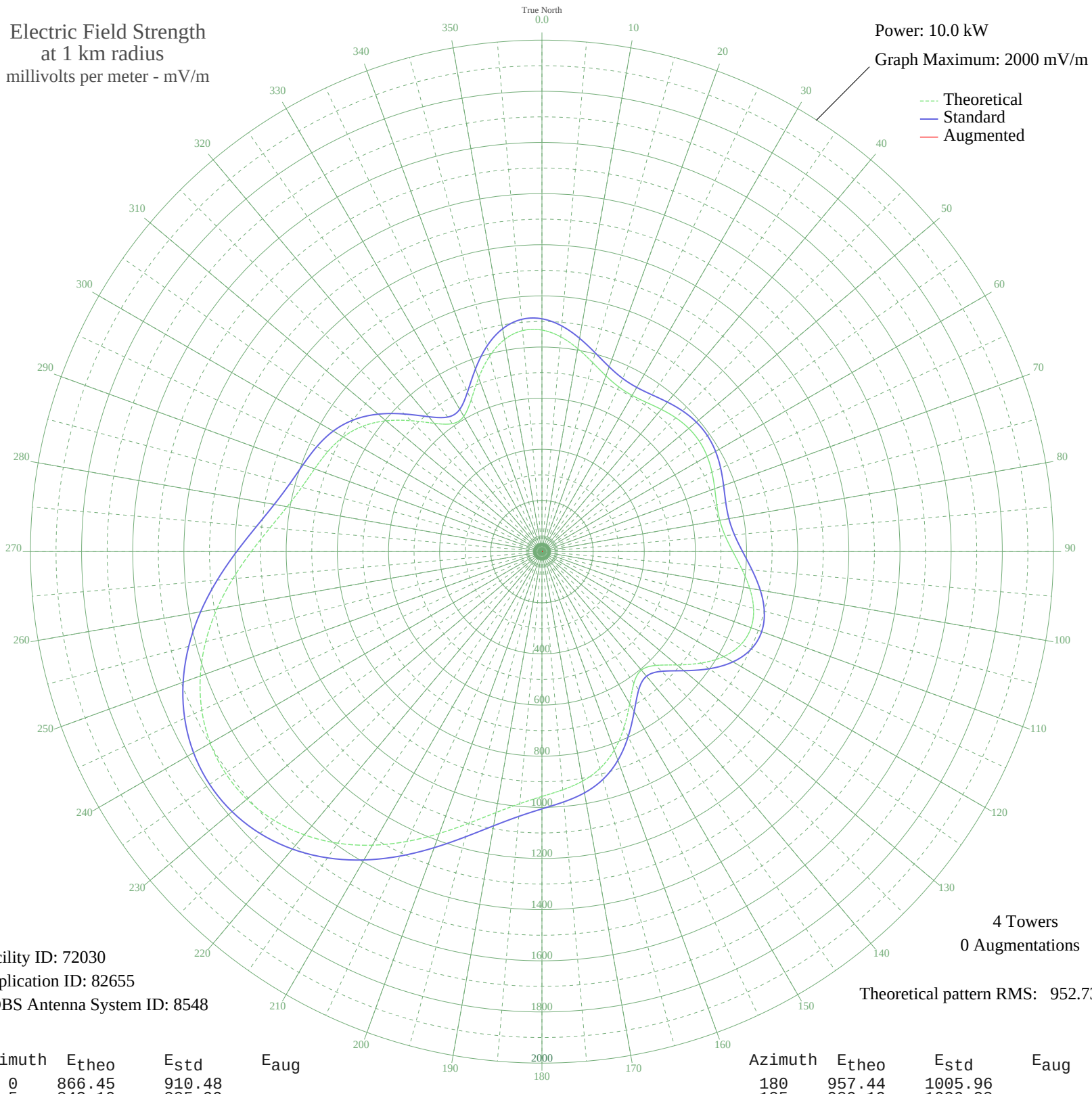
KNWQ PALM SPRINGS, CA BL-19851018AB 1140 kHz

Daytime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 72030
Application ID: 82655
CDBS Antenna System ID: 8548

Theoretical pattern RMS: 952.73

Azimuth	E_{theo}	E_{std}	E_{aug}
0	866.45	910.48	
5	843.10	885.99	
10	806.02	847.09	
15	765.51	804.59	
20	731.45	768.86	
25	710.72	747.13	
30	705.34	741.48	
35	712.38	748.87	
40	726.03	763.19	
45	740.06	777.90	
50	749.56	787.86	
55	751.67	790.08	
60	745.80	783.92	
65	733.64	771.16	
70	719.07	755.88	
75	707.78	744.04	
80	706.09	742.27	
85	718.75	755.55	
90	746.46	784.61	
95	784.72	824.74	
100	824.90	866.90	
105	856.61	900.16	
110	870.18	914.40	
115	858.84	902.50	
120	820.54	862.32	
125	759.73	798.53	
130	689.00	724.35	
135	629.33	661.78	
140	604.75	636.01	
145	627.30	659.65	
150	686.40	721.62	
155	759.22	798.00	
160	826.25	868.31	
165	877.35	921.92	
170	911.54	957.80	
175	934.90	982.30	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	957.44	1005.96	
185	989.19	1039.28	
190	1036.27	1088.68	
195	1098.99	1154.51	
200	1172.75	1231.91	
205	1250.56	1313.58	
210	1325.47	1392.21	
215	1391.81	1461.84	
220	1445.53	1518.23	
225	1484.06	1558.68	
230	1505.95	1581.66	
235	1510.50	1586.44	
240	1497.58	1572.87	
245	1467.57	1541.37	
250	1421.51	1493.02	
255	1361.33	1429.85	
260	1290.27	1355.27	
265	1213.16	1274.33	
270	1136.38	1193.75	
275	1067.14	1121.08	
280	1011.60	1062.80	
285	972.29	1021.54	
290	946.04	993.99	
295	924.45	971.34	
300	896.99	942.53	
305	855.07	898.54	
310	795.67	836.23	
315	723.98	761.04	
320	654.85	688.54	
325	610.76	642.31	
330	610.91	642.47	
335	655.01	688.70	
340	723.04	760.05	
345	791.14	831.48	
350	842.18	885.02	
355	867.65	911.75	

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