

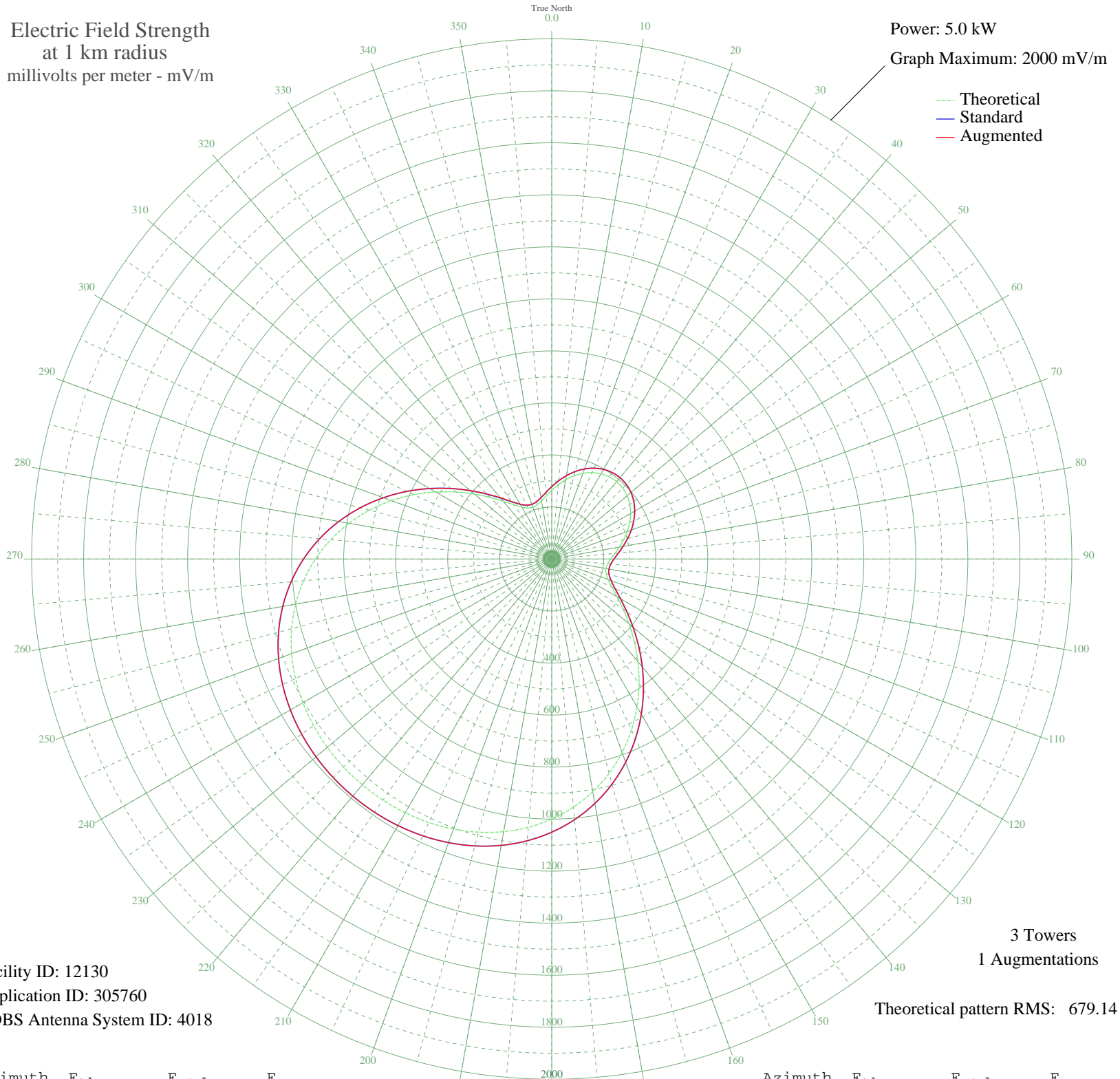
KNWZ COACHELLA, CA BL-- 970 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 12130
Application ID: 305760
CDBS Antenna System ID: 4018

Theoretical pattern RMS: 679.14

Azimuth	E _{theo}	E _{std}	E _{aug}
0	263.95	278.14	278.14
5	286.32	301.55	301.55
10	309.06	325.36	325.36
15	330.72	348.05	348.05
20	350.09	368.34	368.34
25	366.15	385.18	385.18
30	378.16	397.76	397.76
35	385.57	405.53	405.53
40	388.08	408.16	408.16
45	385.57	405.53	405.53
50	378.16	397.76	397.76
55	366.15	385.18	385.18
60	350.09	368.34	368.34
65	330.72	348.05	348.05
70	309.06	325.36	325.36
75	286.32	301.55	301.55
80	263.95	278.14	278.14
85	243.57	256.83	256.83
90	226.92	239.42	239.42
95	215.73	227.73	227.73
100	211.66	223.48	223.48
105	216.16	228.18	228.18
110	230.31	242.97	242.97
115	254.77	268.54	268.54
120	289.63	305.02	305.02
125	334.41	351.92	351.92
130	388.08	408.16	408.16
135	449.07	472.11	472.11
140	515.46	541.74	541.74
145	585.07	614.77	614.77
150	655.64	688.82	688.82
155	725.02	761.64	761.64
160	791.29	831.19	831.19
165	852.87	895.82	895.82
170	908.60	954.32	954.32
175	957.75	1005.92	1005.92

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1000.02	1050.29	1050.29
185	1035.45	1087.48	1087.48
190	1064.38	1117.85	1117.85
195	1087.33	1141.94	1141.94
200	1104.93	1160.41	1160.41
205	1117.81	1173.93	1173.93
210	1126.54	1183.10	1183.10
215	1131.59	1188.40	1188.40
220	1133.24	1190.13	1190.13
225	1131.59	1188.40	1188.40
230	1126.54	1183.10	1183.10
235	1117.80	1173.93	1173.93
240	1104.93	1160.41	1160.41
245	1087.33	1141.94	1141.94
250	1064.38	1117.85	1117.85
255	1035.45	1087.48	1087.48
260	1000.02	1050.28	1050.28
265	957.75	1005.92	1005.92
270	908.60	954.32	954.32
275	852.87	895.82	895.82
280	791.29	831.19	831.19
285	725.02	761.64	761.64
290	655.64	688.82	688.82
295	585.07	614.77	614.77
300	515.46	541.74	541.74
305	449.07	472.11	472.46
310	388.08	408.16	409.48
315	334.41	351.92	354.31
320	289.63	305.02	307.77
325	254.77	268.54	270.55
330	230.31	242.97	243.65
335	216.16	228.18	228.18
340	211.66	223.48	223.48
345	215.73	227.73	227.73
350	226.92	239.42	239.42
355	243.57	256.83	256.83

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission