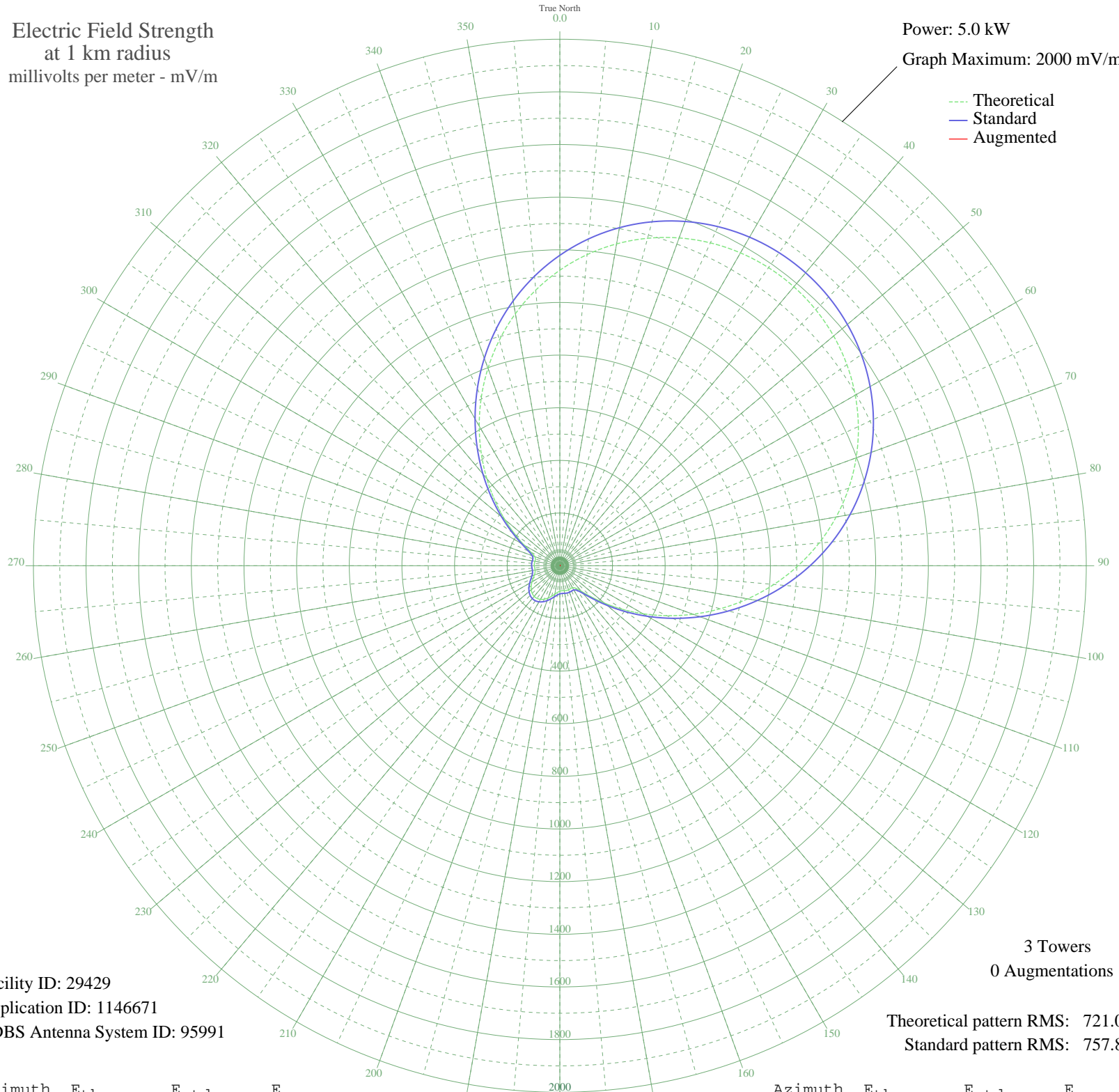


KFPT CLOVIS, CA BML-20060821AEE 790 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 29429
Application ID: 1146671
CDBS Antenna System ID: 95991

3 Towers
0 Augmentations

Theoretical pattern RMS: 721.07
Standard pattern RMS: 757.85

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1122.61	1179.21	
5	1186.28	1246.04	
10	1241.45	1303.95	
15	1287.77	1352.57	
20	1325.06	1391.71	
25	1353.24	1421.28	
30	1372.30	1441.30	
35	1382.28	1451.77	
40	1383.18	1452.72	
45	1375.02	1444.15	
50	1357.78	1426.05	
55	1331.42	1398.39	
60	1295.96	1361.16	
65	1251.43	1314.42	
70	1198.01	1258.35	
75	1136.00	1193.26	
80	1065.93	1119.72	
85	988.55	1038.51	
90	904.93	950.75	
95	816.38	857.84	
100	724.54	761.49	
105	631.28	663.67	
110	538.68	566.59	
115	448.97	472.58	
120	364.45	384.11	
125	287.47	303.66	
130	220.46	233.84	
135	165.99	177.41	
140	126.73	137.13	
145	104.27	114.39	
150	96.16	106.27	
155	95.78	105.89	
160	97.06	107.17	
165	97.24	107.34	
170	96.22	106.33	
175	95.45	105.56	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	96.80	106.91	
185	101.55	111.66	
190	109.65	119.81	
195	119.90	130.18	
200	130.62	141.09	
205	140.21	150.90	
210	147.43	158.31	
215	151.45	162.44	
220	151.82	162.82	
225	148.51	159.42	
230	141.88	152.61	
235	132.67	143.19	
240	122.06	132.38	
245	111.58	121.76	
250	102.93	113.04	
255	97.46	107.57	
260	95.50	105.60	
265	95.99	106.10	
270	97.10	107.20	
275	97.22	107.32	
280	96.04	106.15	
285	95.70	105.81	
290	101.68	111.78	
295	120.90	131.19	
300	156.84	167.98	
305	208.47	221.39	
310	273.19	288.76	
315	348.38	367.29	
320	431.58	454.37	
325	520.44	547.46	
330	612.64	644.13	
335	705.94	741.98	
340	798.22	838.79	
345	887.56	932.53	
350	972.29	1021.44	
355	1051.01	1104.06	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission