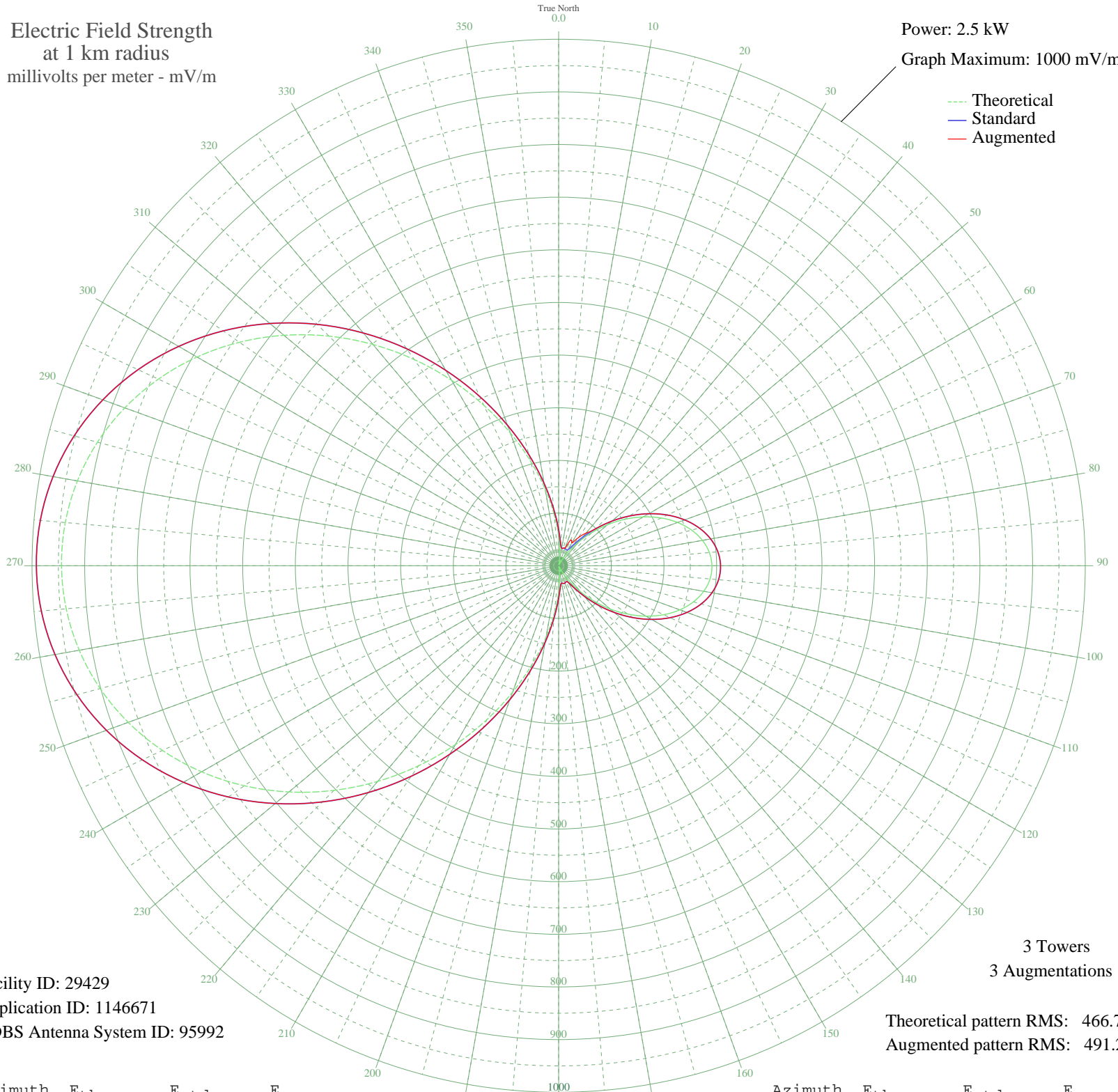


KFPT CLOVIS, CA BML-20060821AEE 790 kHz

Nighttime

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

Power: 2.5 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 29429
Application ID: 1146671
CDBS Antenna System ID: 95992

3 Towers
3 Augmentations

Theoretical pattern RMS: 466.71
Augmented pattern RMS: 491.25

Azimuth	E _{theo}	E _{std}	E _{aug}
0	56.54	68.05	68.05
5	24.81	42.25	42.25
10	3.43	33.46	33.46
15	9.03	34.59	34.59
20	11.11	35.25	35.25
25	4.41	33.59	53.70
30	10.73	35.12	49.89
35	32.11	47.36	64.79
40	58.72	70.06	80.66
45	88.94	99.14	99.41
50	121.17	131.51	131.51
55	153.83	164.91	164.91
60	185.44	197.53	197.53
65	214.66	227.83	227.83
70	240.32	254.52	254.52
75	261.46	276.54	276.54
80	277.30	293.06	293.06
85	287.29	303.48	303.48
90	291.08	307.44	307.44
95	288.55	304.80	304.80
100	279.78	295.65	295.65
105	265.07	280.31	280.31
110	244.94	259.33	259.33
115	220.11	233.50	233.50
120	191.51	203.82	203.82
125	160.28	171.55	171.55
130	127.72	138.17	138.17
135	95.28	105.43	105.43
140	64.53	75.48	75.48
145	37.06	51.20	51.20
150	14.51	36.59	36.59
155	2.32	33.36	33.36
160	10.43	35.02	35.02
165	10.19	34.95	34.95
170	1.78	33.32	33.32
175	19.66	39.15	39.15

Azimuth	E _{theo}	E _{std}	E _{aug}
180	49.41	61.63	61.63
185	88.81	99.01	99.01
190	137.06	147.71	147.71
195	193.05	205.42	205.42
200	255.38	270.21	270.21
205	322.45	340.20	340.20
210	392.52	413.49	413.49
215	463.84	488.16	488.16
220	534.66	562.37	562.37
225	603.35	634.39	634.39
230	668.43	702.64	702.64
235	728.61	765.76	765.76
240	782.79	822.60	822.60
245	830.07	872.21	872.21
250	869.76	913.86	913.86
255	901.33	946.98	946.98
260	924.38	971.17	971.17
265	938.67	986.17	986.17
270	944.05	991.81	991.81
275	940.46	988.05	988.05
280	927.95	974.91	974.91
285	906.63	952.54	952.54
290	876.74	921.18	921.18
295	838.64	881.20	881.20
300	792.82	833.13	833.13
305	739.95	777.66	777.66
310	680.89	715.71	715.71
315	616.70	648.38	648.38
320	548.61	577.00	577.00
325	478.09	503.10	503.10
330	406.74	428.37	428.37
335	336.28	354.66	354.66
340	268.47	283.85	283.85
345	205.06	217.87	217.87
350	147.68	158.59	158.59
355	97.78	107.93	107.93

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