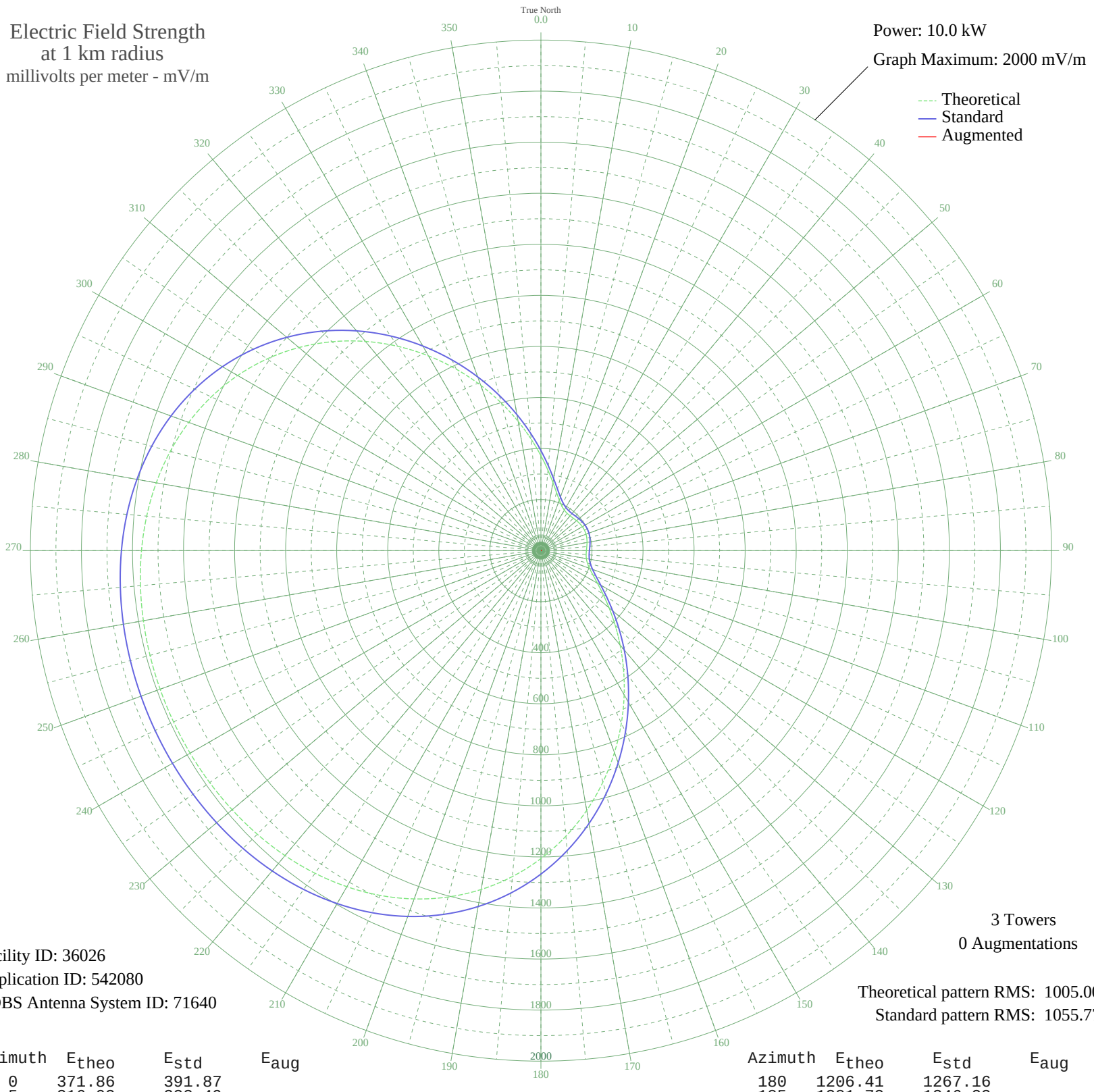
KXTK ARROYO GRANDE, CA BL-20001211ADJ 1280 kHz

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

3 Towers
0 Augmentations

Facility ID: 36026
Application ID: 542080
CDBS Antenna System ID: 71640

Theoretical pattern RMS: 1005.00
Standard pattern RMS: 1055.77

Azimuth	E_{theo}	E_{std}	E_{aug}
0	371.86	391.87	
5	316.03	333.49	
10	270.81	286.28	
15	235.88	249.89	
20	210.45	223.45	
25	193.36	205.73	
30	183.22	195.23	
35	178.52	190.36	
40	177.72	189.54	
45	179.39	191.26	
50	182.22	194.19	
55	185.16	197.24	
60	187.40	199.55	
65	188.40	200.59	
70	187.96	200.14	
75	186.18	198.28	
80	183.44	195.45	
85	180.45	192.36	
90	178.17	190.00	
95	177.82	189.64	
100	180.77	192.70	
105	188.55	200.75	
110	202.69	215.40	
115	224.63	238.19	
120	255.64	270.47	
125	296.67	313.27	
130	348.25	367.17	
135	410.41	432.20	
140	482.59	507.81	
145	563.69	592.81	
150	652.08	685.49	
155	745.66	783.65	
160	842.06	884.78	
165	938.73	986.22	
170	1033.16	1085.32	
175	1123.04	1179.66	
180	1206.41	1267.16	
185	1281.73	1346.23	
190	1348.02	1415.81	
195	1404.78	1475.39	
200	1452.04	1525.01	
205	1490.26	1565.12	
210	1520.22	1596.58	
215	1542.94	1620.43	
220	1559.58	1637.89	
225	1571.28	1650.18	
230	1579.14	1658.42	
235	1584.08	1663.62	
240	1586.85	1666.52	
245	1587.90	1667.63	
250	1587.46	1667.16	
255	1585.42	1665.02	
260	1581.42	1660.82	
265	1574.83	1653.90	
270	1564.79	1643.36	
275	1550.26	1628.12	
280	1530.12	1606.96	
285	1503.18	1578.69	
290	1468.38	1542.15	
295	1424.81	1496.42	
300	1371.87	1440.85	
305	1309.37	1375.24	
310	1237.57	1299.87	
315	1157.27	1215.58	
320	1069.78	1123.76	
325	976.90	1026.28	
330	880.83	925.47	
335	784.02	823.89	
340	689.02	724.23	
345	598.28	629.07	
350	514.04	540.76	
355	438.12	461.23	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission