

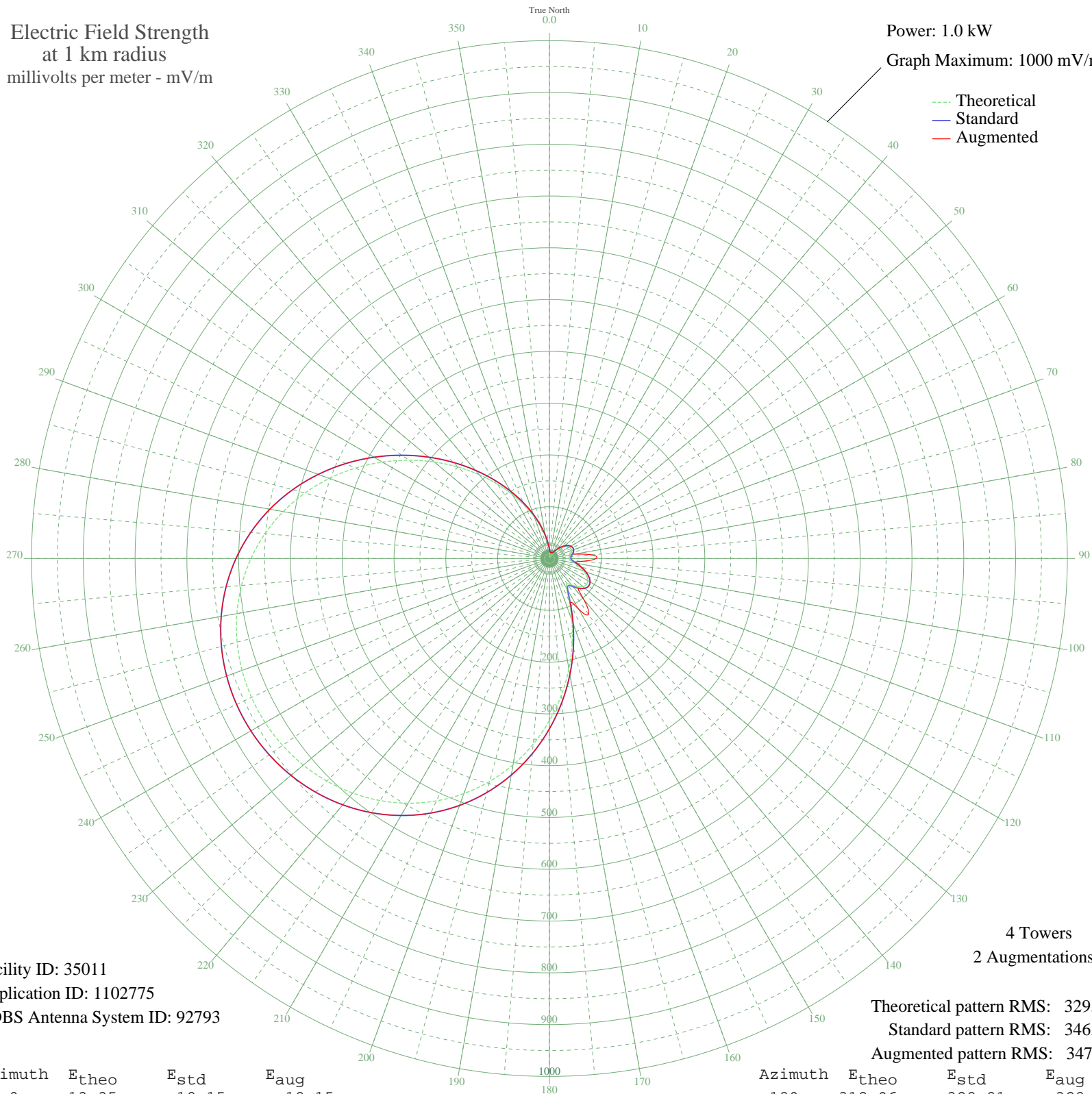
KIXL DEL VALLE, TX BL-20051025ACZ 970 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
--- Standard
--- Augmented



Facility ID: 35011
Application ID: 1102775
CDBS Antenna System ID: 92793

4 Towers
2 Augmentations

Theoretical pattern RMS: 329.60
Standard pattern RMS: 346.27
Augmented pattern RMS: 347.08

Azimuth	E _{theo}	E _{std}	E _{aug}
0	13.35	18.15	18.15
5	5.14	12.73	12.73
10	3.55	12.11	12.11
15	4.64	12.52	12.52
20	3.74	12.18	12.18
25	2.49	11.82	11.82
30	6.58	13.44	13.44
35	13.10	17.95	17.95
40	20.41	24.34	24.34
45	27.75	31.34	31.34
50	34.49	38.00	38.00
55	40.07	43.62	43.62
60	44.04	47.66	47.66
65	46.10	49.76	49.76
70	46.13	49.79	49.79
75	44.32	47.94	47.94
80	41.32	44.89	48.82
85	38.49	42.03	81.73
90	37.98	41.51	90.08
95	41.67	45.25	62.39
100	49.52	53.26	53.26
105	59.78	63.82	63.82
110	70.38	74.79	74.79
115	79.46	84.22	84.22
120	85.50	90.51	90.51
125	87.35	92.44	92.44
130	84.34	89.30	89.30
135	76.71	81.37	81.37
140	66.51	70.78	103.19
145	59.74	63.77	131.73
150	66.54	70.81	112.89
155	90.66	95.89	96.31
160	126.75	133.58	133.58
165	169.72	178.57	178.57
170	216.42	227.53	227.53
175	264.72	278.19	278.19

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.

Azimuth	E _{theo}	E _{std}	E _{aug}
180	312.96	328.81	328.81
185	359.81	377.98	377.98
190	404.25	424.62	424.62
195	445.48	467.90	467.90
200	482.97	507.25	507.25
205	516.38	542.32	542.32
210	545.55	572.94	572.94
215	570.44	599.07	599.07
220	591.12	620.79	620.79
225	607.70	638.19	638.19
230	620.29	651.40	651.40
235	628.96	660.51	660.51
240	633.77	665.55	665.55
245	634.66	666.49	666.49
250	631.56	663.23	663.23
255	624.31	655.63	655.63
260	612.76	643.50	643.50
265	596.75	626.70	626.70
270	576.23	605.15	605.15
275	551.22	578.89	578.89
280	521.92	548.14	548.14
285	488.72	513.29	513.29
290	452.21	474.96	474.96
295	413.14	433.95	433.95
300	372.42	391.21	391.21
305	331.00	347.74	347.74
310	289.82	304.53	304.53
315	249.77	262.51	262.51
320	211.54	222.41	222.41
325	175.68	184.83	184.83
330	142.59	150.16	150.16
335	112.52	118.71	118.71
340	85.66	90.68	90.68
345	62.16	66.28	66.28
350	42.17	45.76	45.76
355	25.85	29.49	29.49

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission