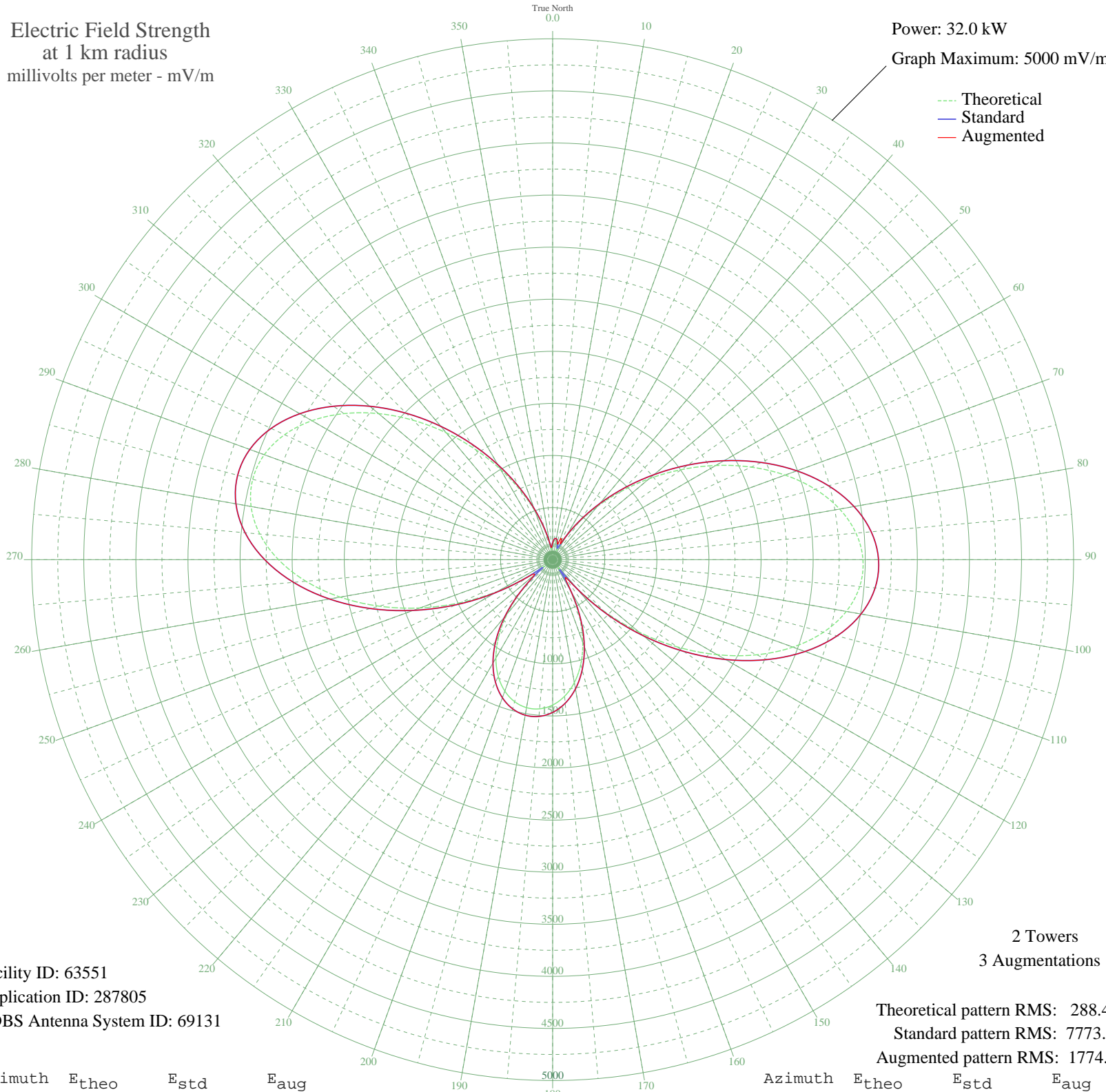


KZMP UNIVERSITY PARK, TX BL-19990811DC 1540 kHz

Daytime

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

Power: 32.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 63551
Application ID: 287805
CDBS Antenna System ID: 69131

2 Towers
3 Augmentations

Theoretical pattern RMS: 288.40
Standard pattern RMS: 7773.80
Augmented pattern RMS: 1774.20

Azimuth	E _{theo}	E _{std}	E _{aug}
0	142.56	161.04	161.04
5	181.25	199.36	199.36
10	186.30	204.43	204.43
15	156.22	174.46	174.46
20	105.00	125.23	198.17
25	117.94	137.35	176.96
30	248.66	267.77	267.77
35	437.18	462.87	462.87
40	665.05	700.83	700.83
45	924.45	972.49	972.49
50	1207.81	1269.59	1269.59
55	1506.07	1582.49	1582.49
60	1808.40	1899.74	1899.74
65	2102.32	2208.24	2208.24
70	2374.26	2493.68	2493.68
75	2610.24	2741.40	2741.40
80	2796.91	2937.36	2937.36
85	2922.57	3069.27	3069.27
90	2978.21	3127.69	3127.69
95	2958.39	3106.88	3106.88
100	2861.78	3005.46	3005.46
105	2691.39	2826.58	2826.58
110	2454.29	2577.69	2577.69
115	2161.06	2269.89	2269.89
120	1824.82	1916.98	1916.98
125	1460.17	1534.33	1534.33
130	1082.14	1137.79	1137.79
135	705.41	743.05	743.05
140	345.76	367.87	367.87
145	94.38	115.54	211.00
150	337.10	358.91	358.91
155	608.26	641.43	641.43
160	844.43	888.64	888.64
165	1041.37	1095.05	1095.05
170	1198.43	1259.75	1259.75
175	1316.16	1383.24	1383.24

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1395.54	1466.52	1466.52
185	1437.50	1510.54	1510.54
190	1442.63	1515.93	1515.93
195	1411.02	1482.76	1482.76
200	1342.21	1410.57	1410.57
205	1235.32	1298.44	1298.44
210	1089.36	1145.36	1145.36
215	903.59	950.62	950.62
220	678.22	714.60	714.60
225	415.91	440.72	440.72
230	138.38	156.97	230.77
235	252.02	271.20	284.57
240	602.16	635.06	635.06
245	975.90	1026.41	1026.41
250	1355.03	1424.02	1424.02
255	1724.93	1812.15	1812.15
260	2070.63	2174.98	2174.98
265	2377.32	2496.89	2496.89
270	2631.33	2763.53	2763.53
275	2821.28	2962.94	2962.94
280	2939.03	3086.55	3086.55
285	2980.40	3129.99	3129.99
290	2945.51	3093.36	3093.36
295	2838.69	2981.22	2981.22
300	2668.02	2802.05	2802.05
305	2444.55	2567.47	2567.47
310	2181.28	2291.12	2291.12
315	1892.11	1987.60	1987.60
320	1590.82	1671.42	1671.42
325	1290.25	1356.07	1356.07
330	1001.73	1053.50	1053.50
335	734.81	773.84	773.84
340	497.40	525.63	525.63
345	296.87	317.32	317.32
350	146.10	164.50	164.50
355	95.49	116.54	116.54