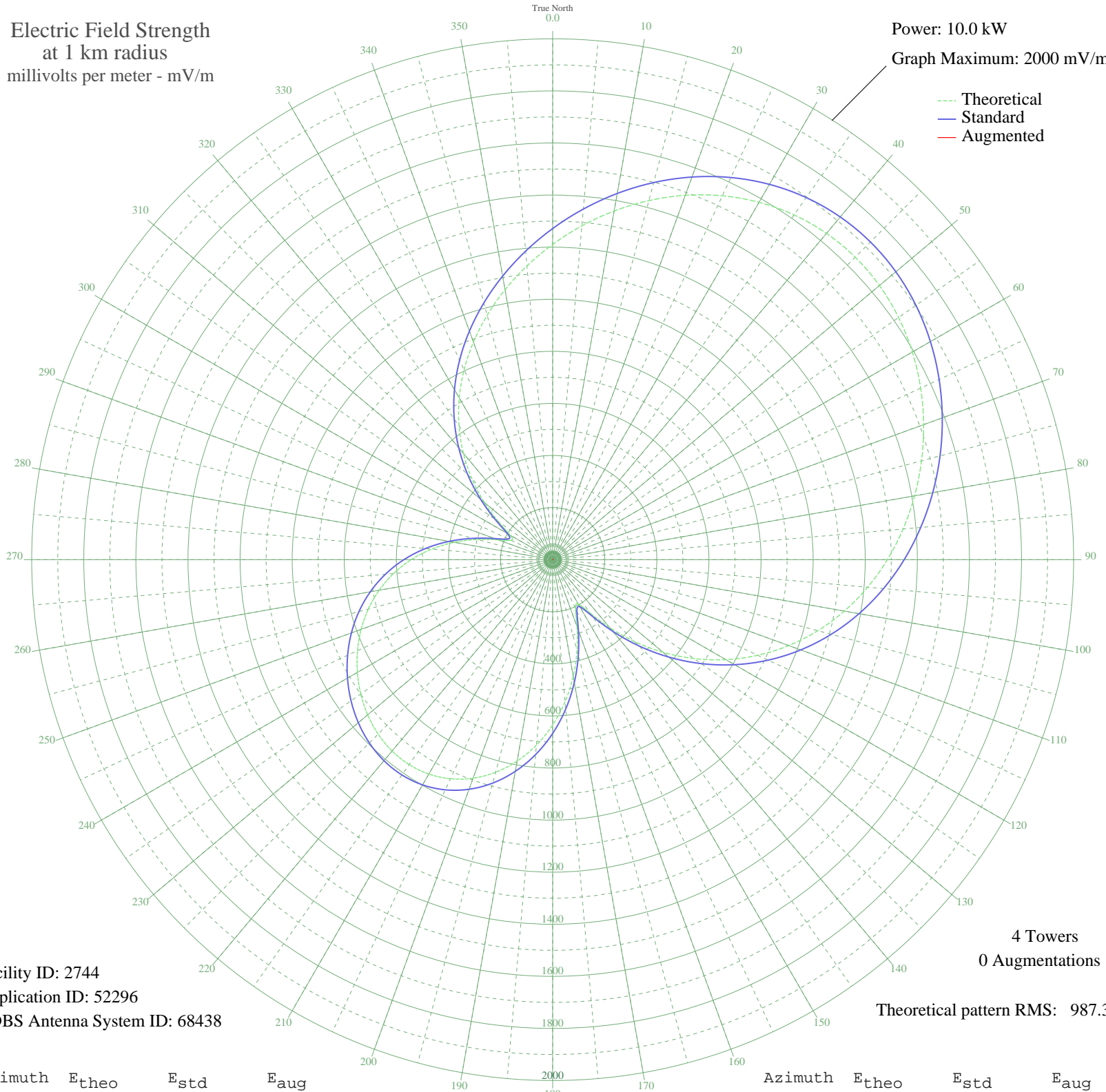


KTKT TUCSON, AZ BL-19830203AB 990 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 2744
Application ID: 52296
CDBS Antenna System ID: 68438

4 Towers
0 Augmentations

Theoretical pattern RMS: 987.33

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1210.48	1271.44	
5	1286.62	1351.36	
10	1359.45	1427.80	
15	1427.41	1499.15	
20	1488.74	1563.53	
25	1541.66	1619.08	
30	1584.56	1664.12	
35	1616.16	1697.29	
40	1635.64	1717.74	
45	1642.73	1725.18	
50	1637.67	1719.88	
55	1621.23	1702.62	
60	1594.53	1674.58	
65	1558.89	1637.17	
70	1515.67	1591.80	
75	1466.04	1539.70	
80	1410.82	1481.73	
85	1350.43	1418.34	
90	1284.89	1349.55	
95	1213.93	1275.06	
100	1137.10	1194.42	
105	1054.03	1107.23	
110	964.56	1013.34	
115	868.88	912.92	
120	767.59	806.65	
125	661.83	695.72	
130	553.33	581.94	
135	444.71	468.12	
140	340.51	359.08	
145	250.30	264.91	
150	196.33	208.80	
155	207.57	220.47	
160	273.17	288.74	
165	361.21	380.72	
170	454.97	478.87	
175	547.39	575.72	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	634.81	667.37	
185	714.77	751.25	
190	785.41	825.34	
195	845.19	888.07	
200	893.01	938.25	
205	928.18	975.16	
210	950.56	998.64	
215	960.54	1009.11	
220	959.02	1007.52	
225	947.30	995.22	
230	926.90	973.81	
235	899.28	944.83	
240	865.60	909.49	
245	826.58	868.54	
250	782.32	822.10	
255	732.46	769.80	
260	676.33	710.93	
265	613.29	644.81	
270	543.01	571.13	
275	465.88	490.30	
280	383.46	403.99	
285	299.50	316.22	
290	222.94	236.43	
295	175.66	187.41	
300	188.69	200.89	
305	254.43	269.20	
310	342.67	361.33	
315	437.69	460.77	
320	533.24	560.89	
325	626.71	658.89	
330	717.13	753.72	
335	804.42	845.29	
340	889.00	934.04	
345	971.51	1020.62	
350	1052.48	1105.61	
355	1132.20	1189.28	

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