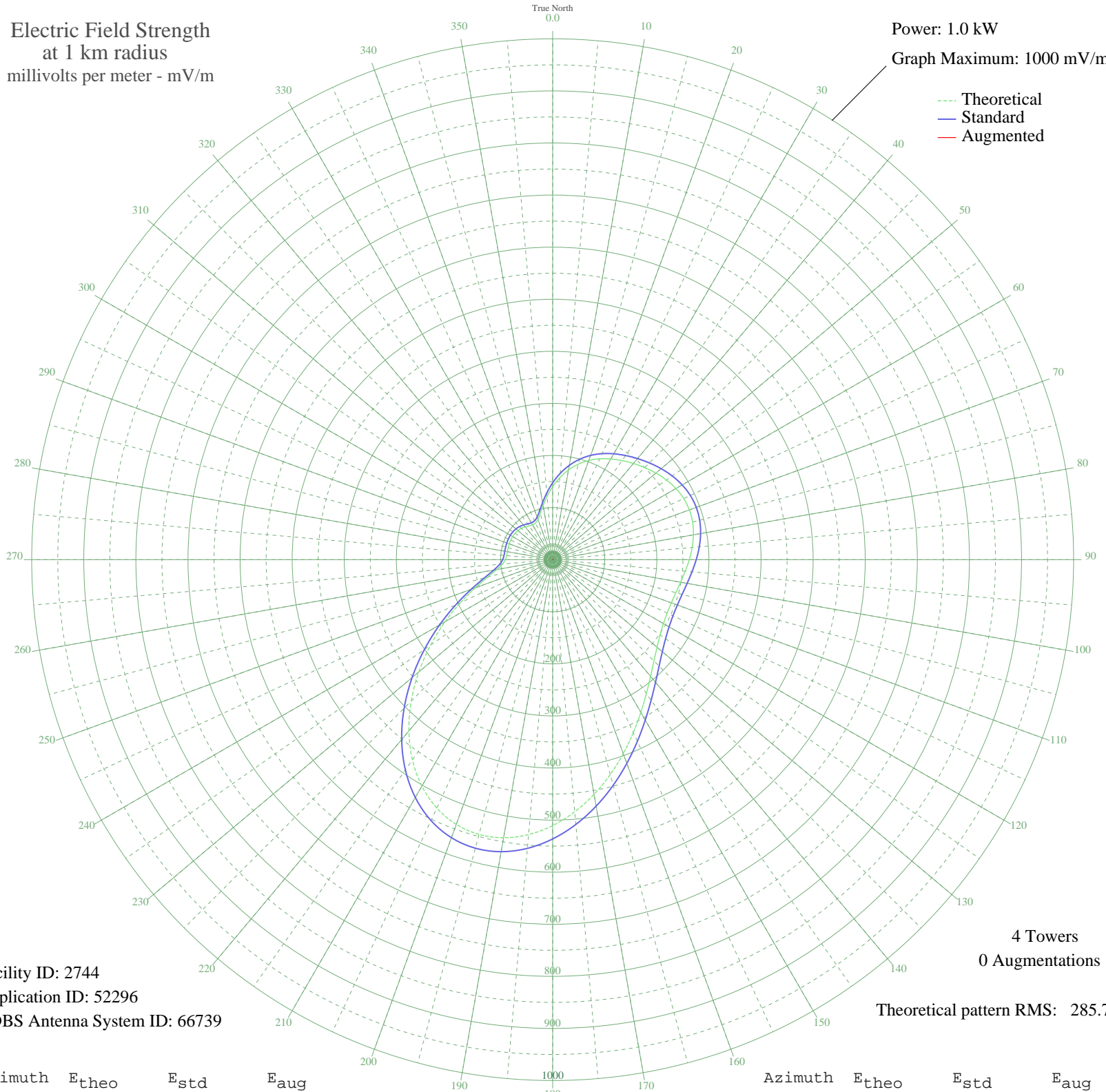


# KTKT TUCSON, AZ BL-19830203AB 990 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 2744  
Application ID: 52296  
CDBS Antenna System ID: 66739

4 Towers  
0 Augmentations

Theoretical pattern RMS: 285.71

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	140.09	147.47	
5	158.00	166.23	
10	174.78	183.81	
15	189.73	199.49	
20	202.62	213.01	
25	213.64	224.56	
30	223.29	234.69	
35	232.25	244.09	
40	241.06	253.33	
45	249.94	262.64	
50	258.67	271.81	
55	266.69	280.22	
60	273.21	287.06	
65	277.53	291.60	
70	279.19	293.34	
75	278.07	292.16	
80	274.43	288.35	
85	268.89	282.53	
90	262.26	275.58	
95	255.47	268.45	
100	249.41	262.09	
105	244.85	257.31	
110	242.41	254.74	
115	242.53	254.87	
120	245.56	258.05	
125	251.81	264.61	
130	261.56	274.83	
135	275.05	288.99	
140	292.43	307.23	
145	313.68	329.53	
150	338.50	355.58	
155	366.32	384.78	
160	396.26	416.21	
165	427.15	448.63	
170	457.57	480.57	
175	485.95	510.35	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	510.59	536.22	
185	529.82	556.40	
190	542.08	569.28	
195	546.09	573.49	
200	540.93	568.07	
205	526.19	552.60	
210	502.05	527.26	
215	469.28	492.86	
220	429.25	450.83	
225	383.82	403.15	
230	335.24	352.16	
235	285.97	300.45	
240	238.49	250.64	
245	195.19	205.22	
250	158.17	166.41	
255	129.09	135.95	
260	108.76	114.68	
265	96.66	102.04	
270	90.81	95.93	
275	88.67	93.70	
280	88.23	93.24	
285	88.37	93.38	
290	88.61	93.63	
295	88.77	93.79	
300	88.69	93.72	
305	88.17	93.17	
310	86.97	91.92	
315	84.94	89.81	
320	82.19	86.94	
325	79.25	83.87	
330	77.21	81.75	
335	77.71	82.27	
340	82.33	87.09	
345	91.78	96.94	
350	105.50	111.27	
355	122.12	128.66	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission