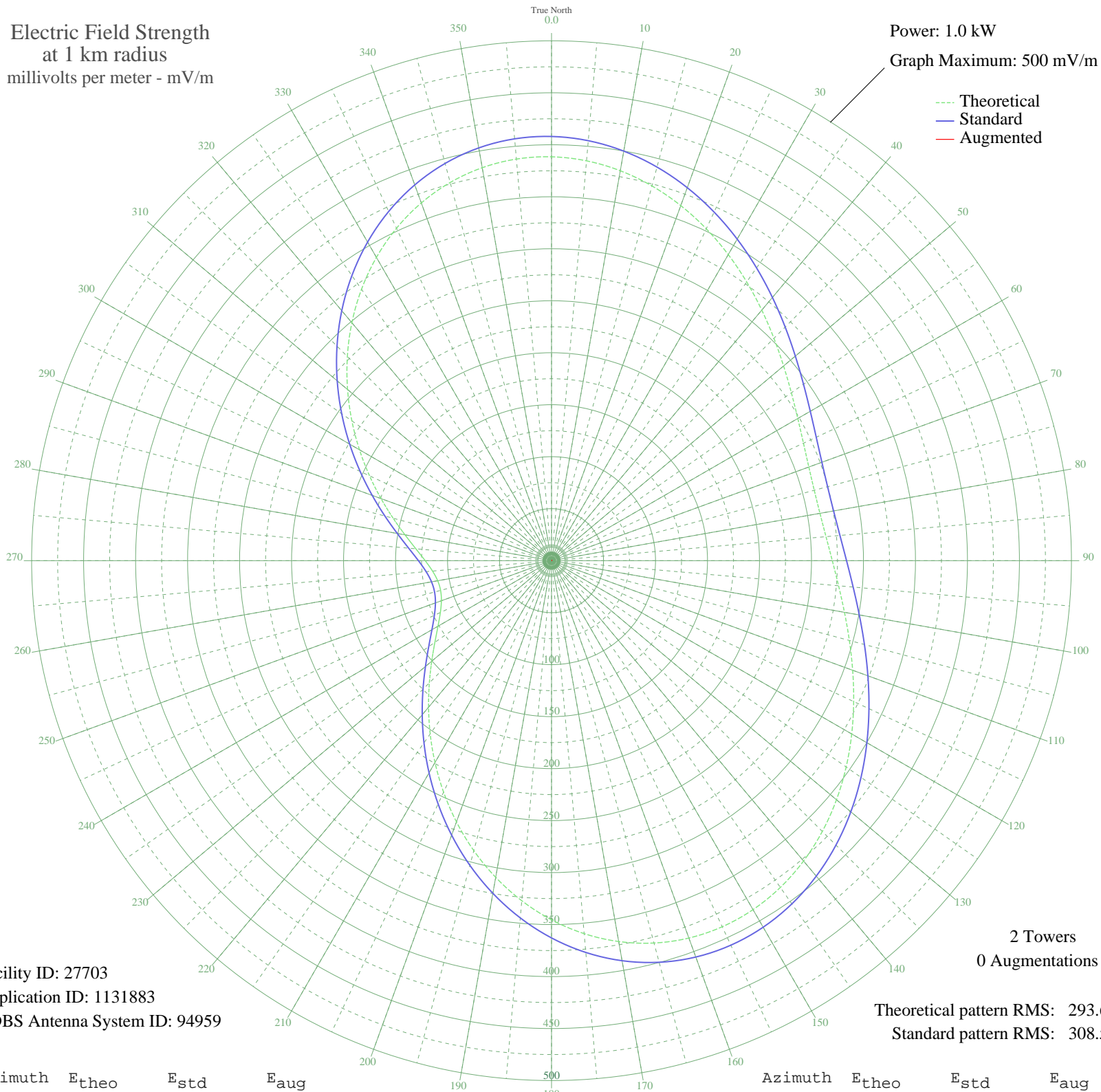


KHCB LEAGUE CITY, TX BMJP-20050118ACX 1400 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 27703
Application ID: 1131883
CDBS Antenna System ID: 94959

2 Towers
0 Augmentations

Theoretical pattern RMS: 293.64
Standard pattern RMS: 308.50

Azimuth	E _{theo}	E _{std}	E _{aug}
0	388.43	407.99	
5	386.03	405.47	
10	380.81	399.99	
15	373.12	391.92	
20	363.41	381.73	
25	352.18	369.94	
30	339.94	357.10	
35	327.24	343.76	
40	314.59	330.49	
45	302.47	317.77	
50	291.34	306.08	
55	281.56	295.83	
60	273.48	287.35	
65	267.34	280.90	
70	263.33	276.70	
75	261.58	274.86	
80	262.13	275.44	
85	264.98	278.43	
90	270.03	283.73	
95	277.13	291.18	
100	286.06	300.55	
105	296.53	311.54	
110	308.19	323.77	
115	320.62	336.82	
120	333.36	350.19	
125	345.91	363.35	
130	357.73	375.76	
135	368.30	386.85	
140	377.09	396.09	
145	383.65	402.97	
150	387.56	407.07	
155	388.49	408.05	
160	386.24	405.69	
165	380.72	399.89	
170	371.95	390.69	
175	360.09	378.24	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	345.42	362.85	
185	328.32	344.90	
190	309.26	324.89	
195	288.75	303.36	
200	267.35	280.91	
205	245.63	258.13	
210	224.16	235.60	
215	203.44	213.87	
220	183.97	193.46	
225	166.17	174.80	
230	150.40	158.27	
235	136.96	144.19	
240	126.09	132.81	
245	117.97	124.31	
250	112.73	118.83	
255	110.46	116.45	
260	111.18	117.21	
265	114.88	121.08	
270	121.51	128.02	
275	130.97	137.92	
280	143.10	150.63	
285	157.70	165.92	
290	174.49	183.51	
295	193.14	203.06	
300	213.26	224.17	
305	234.40	246.34	
310	256.06	269.07	
315	277.69	291.77	
320	298.74	313.85	
325	318.62	334.72	
330	336.81	353.80	
335	352.79	370.58	
340	366.15	384.61	
345	376.56	395.52	
350	383.78	403.11	
355	387.73	407.25	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission