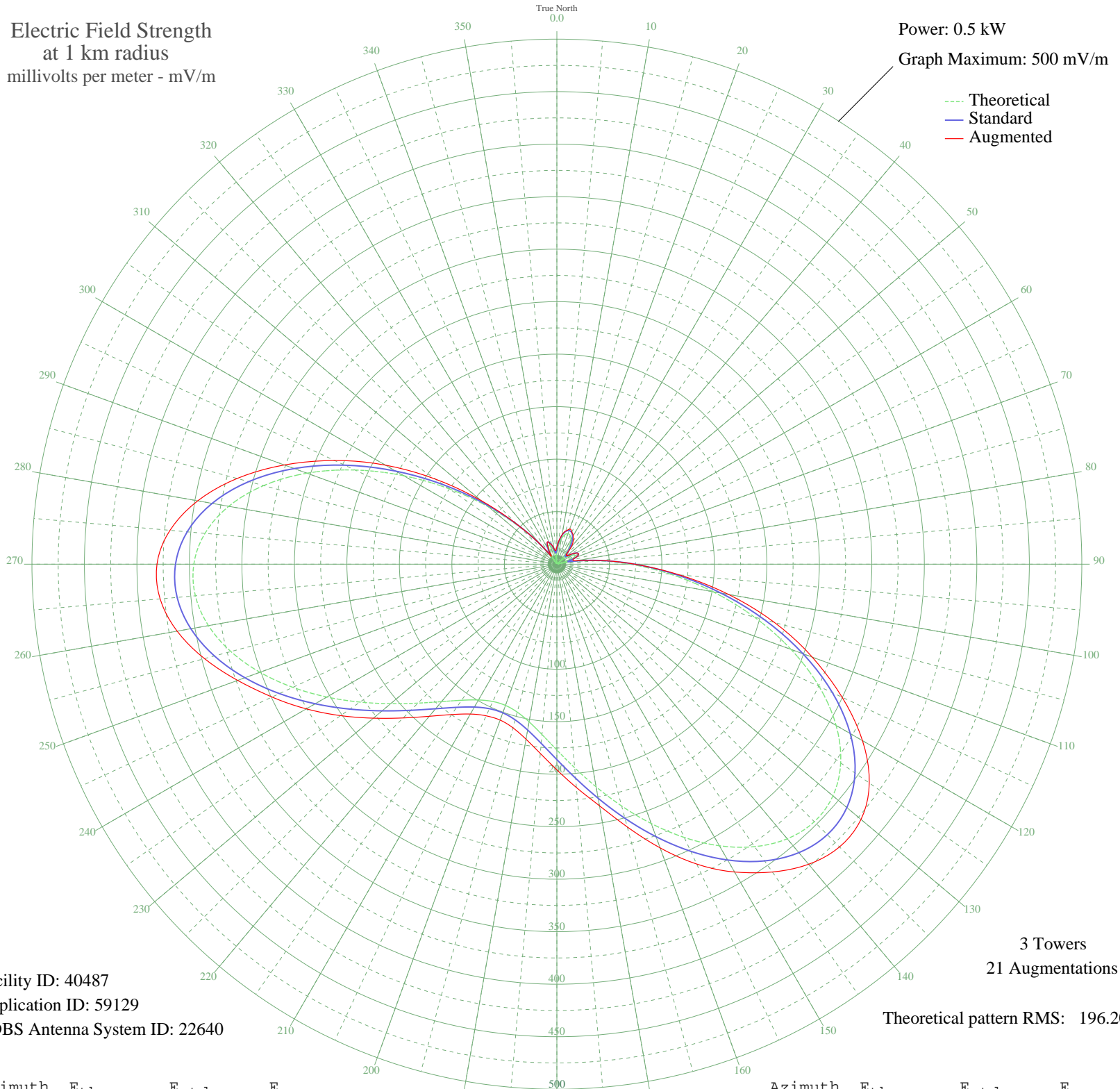


# KANI WHARTON, TX BL-19830720AA 1500 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 40487  
Application ID: 59129  
CDBS Antenna System ID: 22640

3 Towers  
21 Augmentations  
Theoretical pattern RMS: 196.20

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	9.99	14.84	16.27
5	18.13	21.74	22.25
10	24.67	27.95	28.28
15	29.05	32.26	32.81
20	30.91	34.11	35.67
25	30.10	33.31	33.69
30	26.70	29.94	31.06
35	20.97	24.40	27.07
40	13.39	17.55	21.18
45	4.68	11.59	12.21
50	4.22	11.40	12.85
55	12.10	16.48	16.28
60	17.61	21.27	21.27
65	19.27	22.80	22.80
70	15.63	19.48	19.62
75	5.44	11.95	15.78
80	12.15	16.52	18.50
85	37.41	40.66	40.68
90	69.91	74.16	74.16
95	108.41	114.31	117.33
100	150.91	158.80	166.15
105	194.86	204.88	214.59
110	237.40	249.49	258.88
115	275.65	289.62	299.76
120	307.13	322.66	336.14
125	330.00	346.66	363.26
130	343.26	360.57	378.15
135	346.81	364.30	380.75
140	341.38	358.61	373.05
145	328.39	344.97	357.84
150	309.64	325.29	338.49
155	287.13	301.67	315.07
160	262.82	276.16	287.51
165	238.42	250.56	259.04
170	215.33	226.34	233.60
175	194.60	204.60	213.52

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	176.95	186.10	195.85
185	162.81	171.27	180.94
190	152.41	160.37	169.24
195	145.83	153.48	161.38
200	143.13	150.65	158.01
205	144.29	151.86	159.34
210	149.31	157.13	164.79
215	158.19	166.43	174.83
220	170.86	179.71	189.09
225	187.15	196.78	207.08
230	206.71	217.30	228.16
235	228.96	240.63	251.47
240	252.98	265.84	275.57
245	277.52	291.59	299.36
250	300.98	316.20	323.59
255	321.47	337.70	347.48
260	337.00	354.00	367.28
265	345.65	363.08	379.35
270	345.82	363.26	380.90
275	336.48	353.46	369.91
280	317.39	333.42	347.38
285	289.17	303.81	315.32
290	253.36	266.24	276.25
295	212.21	223.07	233.63
300	168.47	177.21	188.63
305	125.06	131.73	141.23
310	84.69	89.54	94.47
315	49.60	53.13	53.38
320	21.34	24.74	24.60
325	0.67	10.52	8.97
330	12.40	16.73	15.37
335	18.53	22.11	21.87
340	18.82	22.38	21.79
345	14.67	18.65	19.03
350	7.57	13.17	14.76
355	1.08	10.56	12.87