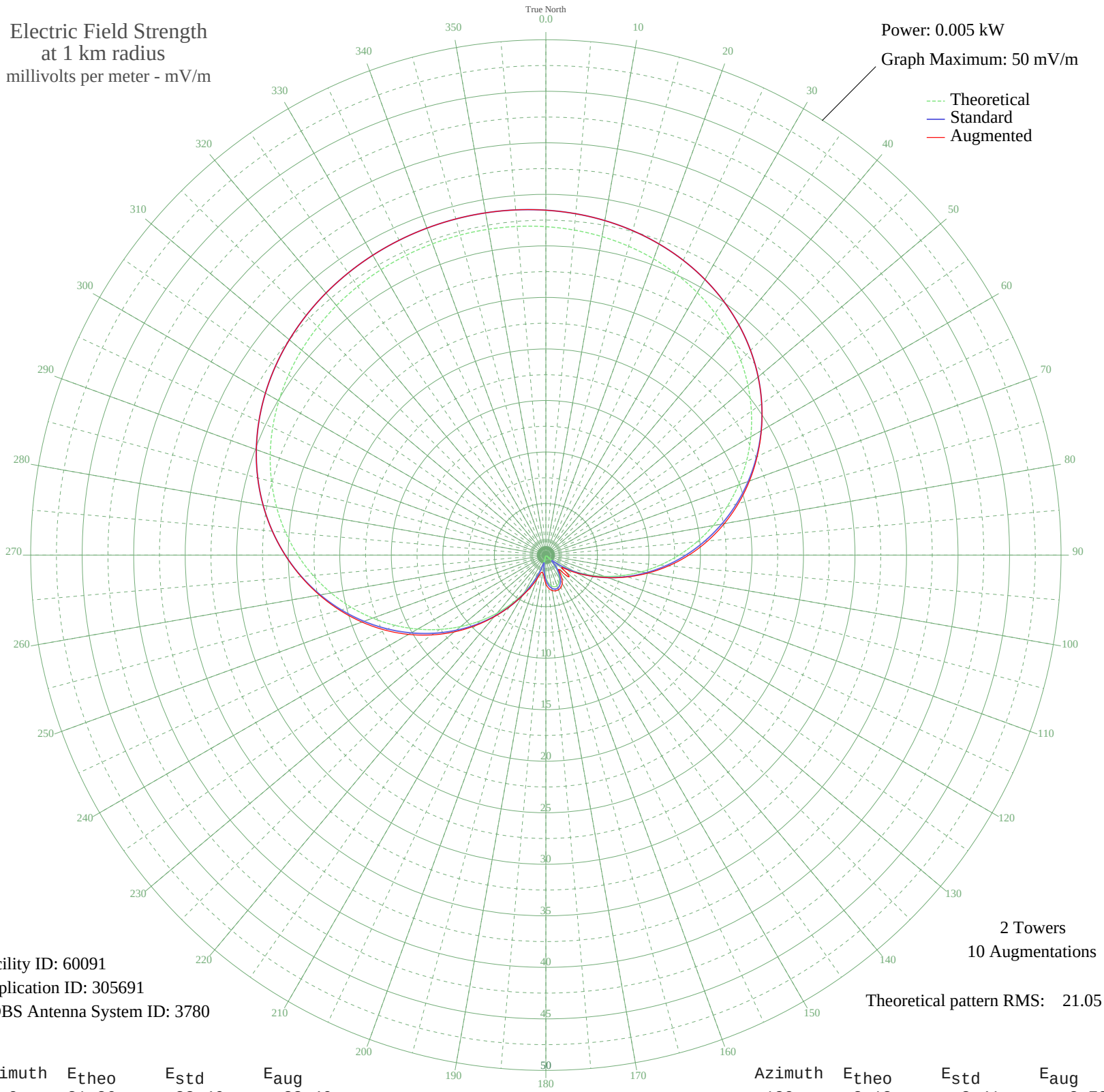
DKTON BELTON, TX BL-- 940 kHz

Nighttime

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



Power: 0.005 kW

Graph Maximum: 50 mV/m

Theoretical
Standard
Augmented

Facility ID: 60091
Application ID: 305691
CDBS Antenna System ID: 3780

2 Towers
10 Augmentations

Theoretical pattern RMS: 21.05

Azimuth	E_{theo}	E_{std}	E_{aug}
0	31.86	33.46	33.46
5	31.66	33.25	33.25
10	31.38	32.96	32.96
15	31.03	32.59	32.59
20	30.58	32.12	32.12
25	30.04	31.56	31.56
30	29.40	30.88	30.88
35	28.64	30.08	30.08
40	27.75	29.15	29.15
45	26.74	28.09	28.09
50	25.61	26.90	26.90
55	24.35	25.57	25.58
60	22.97	24.12	24.15
65	21.48	22.56	22.63
70	19.89	20.90	21.03
75	18.22	19.15	19.34
80	16.49	17.33	17.59
85	14.72	15.48	15.76
90	12.93	13.60	13.89
95	11.15	11.73	11.98
100	9.39	9.88	10.06
105	7.68	8.10	8.19
110	6.04	6.38	6.40
115	4.49	4.77	4.79
120	3.05	3.29	3.49
125	1.73	1.97	2.38
130	0.56	0.94	2.33
135	0.48	0.90	2.72
140	1.35	1.60	1.99
145	2.06	2.29	2.66
150	2.60	2.83	3.17
155	2.97	3.21	3.45
160	3.17	3.41	3.58
165	3.18	3.42	3.59
170	3.02	3.26	3.49
175	2.69	2.92	3.24
180	2.18	2.41	2.79
185	1.51	1.75	2.10
190	0.66	1.02	1.76
195	0.34	0.82	1.75
200	1.49	1.73	2.40
205	2.78	3.01	3.42
210	4.19	4.46	4.53
215	5.72	6.05	6.06
220	7.34	7.75	7.82
225	9.04	9.52	9.68
230	10.79	11.35	11.59
235	12.57	13.22	13.51
240	14.36	15.10	15.39
245	16.14	16.96	17.23
250	17.88	18.79	19.00
255	19.56	20.55	20.70
260	21.17	22.24	22.32
265	22.68	23.82	23.85
270	24.08	25.29	25.30
275	25.36	26.64	26.64
280	26.53	27.86	27.86
285	27.56	28.95	28.95
290	28.47	29.90	29.90
295	29.26	30.73	30.73
300	29.92	31.43	31.43
305	30.48	32.02	32.02
310	30.94	32.50	32.50
315	31.32	32.89	32.89
320	31.61	33.19	33.19
325	31.83	33.43	33.43
330	31.99	33.59	33.59
335	32.09	33.70	33.70
340	32.14	33.76	33.76
345	32.15	33.76	33.76
350	32.10	33.72	33.72
355	32.01	33.62	33.62

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.

10 Nov 2011

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