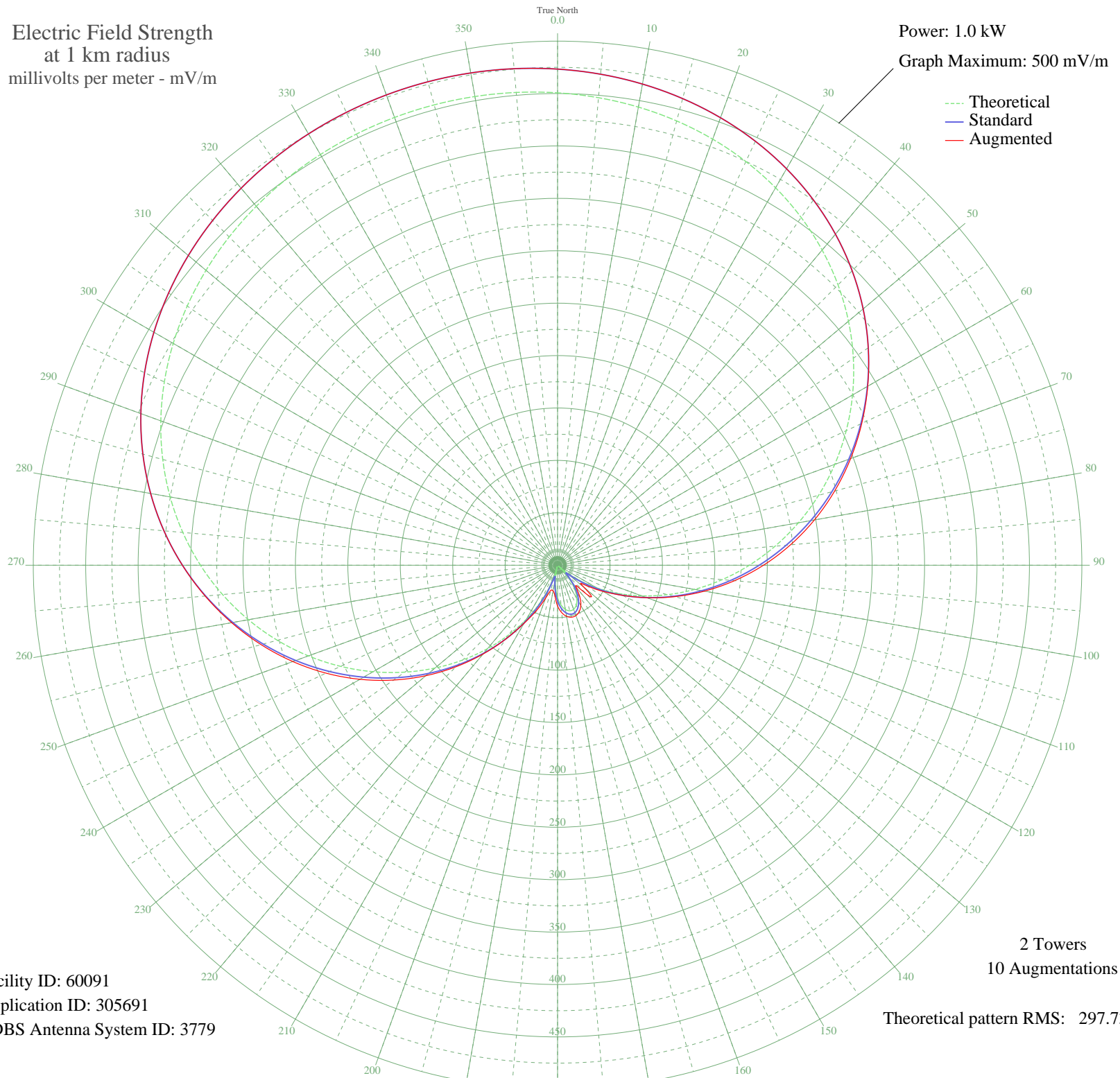


KTON BELTON, TX BL-- 940 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 60091
Application ID: 305691
CDBS Antenna System ID: 3779

2 Towers
10 Augmentations
Theoretical pattern RMS: 297.73

Azimuth	E _{theo}	E _{std}	E _{aug}
0	450.67	473.32	473.32
5	447.74	470.24	470.24
10	443.83	466.14	466.14
15	438.82	460.88	460.88
20	432.58	454.33	454.33
25	424.95	446.32	446.32
30	415.80	436.72	436.72
35	405.03	425.41	425.41
40	392.53	412.29	412.29
45	378.25	397.30	397.30
50	362.18	380.43	380.43
55	344.34	361.71	361.71
60	324.82	341.22	341.56
65	303.75	319.11	320.09
70	281.31	295.56	297.40
75	257.73	270.82	273.59
80	233.27	245.16	248.73
85	208.22	218.89	222.93
90	182.91	192.34	196.39
95	157.64	165.86	169.39
100	132.76	139.80	142.33
105	108.59	114.50	115.79
110	85.41	90.29	90.54
115	63.51	67.51	67.79
120	43.15	46.50	49.77
125	24.53	27.81	34.31
130	7.85	13.35	33.34
135	6.74	12.66	38.82
140	19.10	22.64	27.79
145	29.16	32.36	37.09
150	36.82	40.06	44.32
155	42.04	45.37	48.86
160	44.78	48.18	51.14
165	45.03	48.43	51.34
170	42.78	46.13	49.49
175	38.06	41.32	45.41

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	30.88	34.08	38.84
185	21.30	24.71	29.25
190	9.39	14.40	24.82
195	4.76	11.63	24.73
200	21.03	24.45	33.39
205	39.28	42.55	47.85
210	59.31	63.15	64.01
215	80.92	85.61	85.73
220	103.86	109.56	110.61
225	127.86	134.67	136.96
230	152.63	160.60	163.96
235	177.84	187.03	191.01
240	203.17	213.59	217.67
245	228.30	239.94	243.64
250	252.90	265.75	268.70
255	276.68	290.70	292.73
260	299.37	314.51	315.64
265	320.72	336.92	337.37
270	340.57	357.75	357.81
275	358.75	376.83	376.83
280	375.18	394.08	394.08
285	389.82	409.44	409.44
290	402.67	422.93	422.93
295	413.78	434.60	434.60
300	423.24	444.53	444.53
305	431.17	452.85	452.85
310	437.68	459.68	459.68
315	442.92	465.19	465.19
320	447.04	469.51	469.51
325	450.16	472.78	472.78
330	452.40	475.14	475.14
335	453.86	476.67	476.67
340	454.61	477.46	477.46
345	454.68	477.53	477.53
350	454.07	476.89	476.89
355	452.76	475.51	475.51