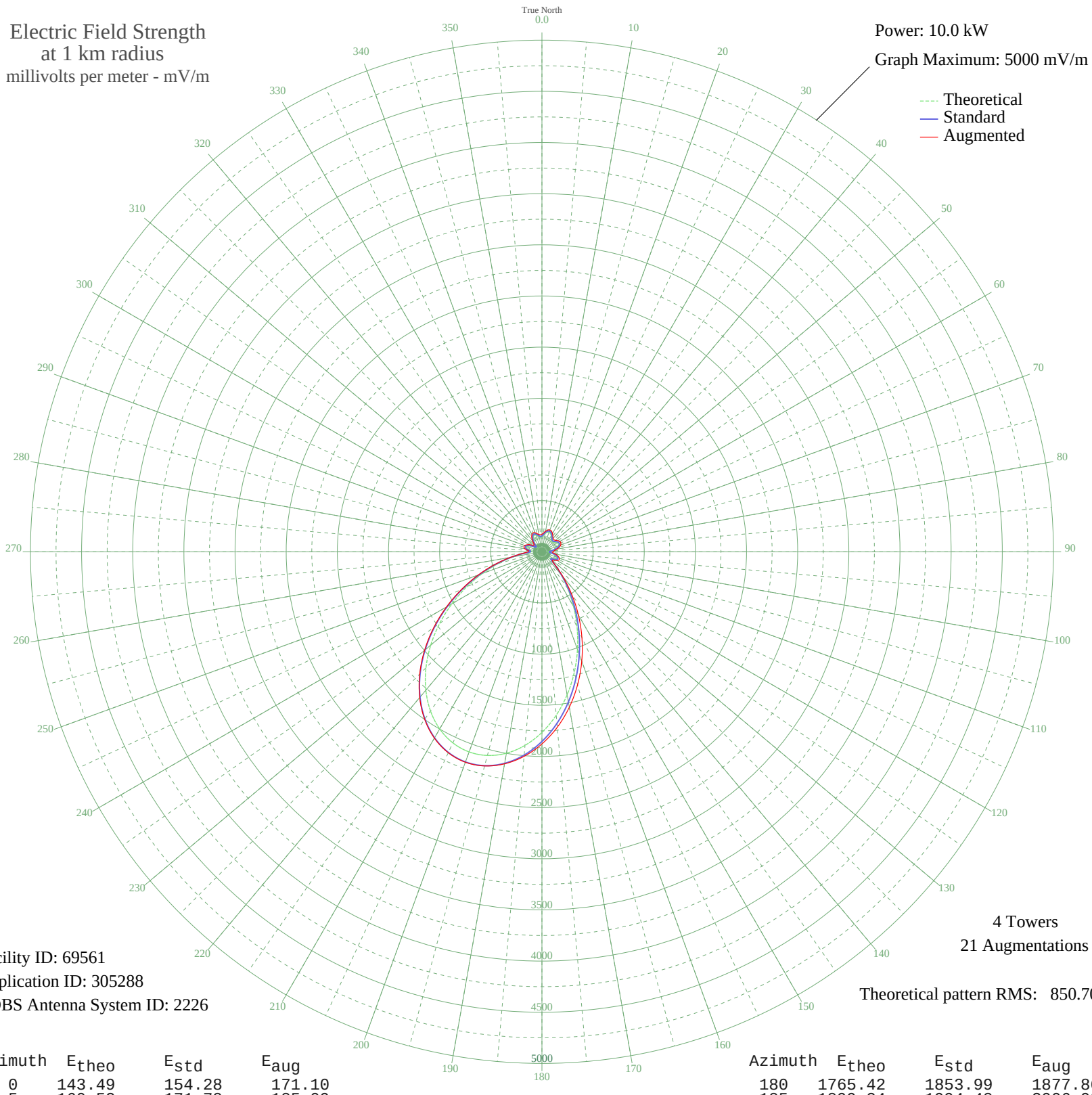
KTSM EL PASO, TX BL-- 690 kHz

Nighttime



Facility ID: 69561
Application ID: 305288
CDBS Antenna System ID: 2226

4 Towers
21 Augmentations

Theoretical pattern RMS: 850.70

Azimuth	E_{theo}	E_{std}	E_{aug}
0	143.49	154.28	171.10
5	160.52	171.78	185.09
10	180.89	192.81	203.76
15	196.44	208.92	220.15
20	202.17	214.86	226.92
25	196.44	208.92	221.29
30	180.89	192.81	206.13
35	160.52	171.78	186.56
40	143.49	154.28	170.55
45	138.32	148.98	165.76
50	146.84	157.71	174.37
55	161.94	173.25	189.87
60	174.42	186.13	202.17
65	177.81	189.63	204.02
70	168.91	180.44	195.58
75	147.38	158.27	177.48
80	115.55	125.79	147.43
85	79.72	90.05	120.84
90	57.15	68.59	106.04
95	72.08	82.65	108.31
100	106.24	116.39	136.91
105	137.46	148.10	162.14
110	156.43	167.57	181.77
115	158.21	169.40	185.09
120	141.00	151.73	169.44
125	110.73	120.91	142.11
130	102.21	112.34	131.90
135	167.32	178.80	179.39
140	287.72	303.93	321.90
145	441.34	464.59	507.77
150	618.65	650.43	712.06
155	812.52	853.79	924.62
160	1015.71	1067.02	1138.08
165	1220.53	1281.98	1345.89
170	1418.97	1490.29	1542.17
175	1603.10	1683.58	1721.30

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1765.42	1853.99	1877.86
185	1899.24	1994.48	2006.98
190	1999.00	2099.22	2104.43
195	2060.57	2163.86	2166.74
200	2081.39	2185.71	2188.71
205	2060.57	2163.86	2167.00
210	1999.00	2099.22	2102.76
215	1899.24	1994.48	1998.67
220	1765.42	1853.99	1859.05
225	1603.10	1683.58	1689.71
230	1418.97	1490.29	1497.63
235	1220.53	1281.98	1290.69
240	1015.71	1067.02	1076.95
245	812.52	853.79	864.38
250	618.65	650.43	660.88
255	441.34	464.59	473.87
260	287.72	303.93	310.79
265	167.32	178.80	192.70
270	102.21	112.34	136.79
275	110.72	120.91	134.59
280	141.00	151.73	168.98
285	158.21	169.40	183.17
290	156.43	167.57	180.06
295	137.46	148.10	161.83
300	106.24	116.39	138.94
305	72.08	82.65	110.93
310	57.15	68.58	99.78
315	79.72	90.05	113.97
320	115.55	125.79	144.41
325	147.38	158.27	174.73
330	168.91	180.44	195.57
335	177.81	189.63	204.39
340	174.42	186.13	198.25
345	161.94	173.25	182.97
350	146.84	157.71	172.74
355	138.32	148.98	167.37

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