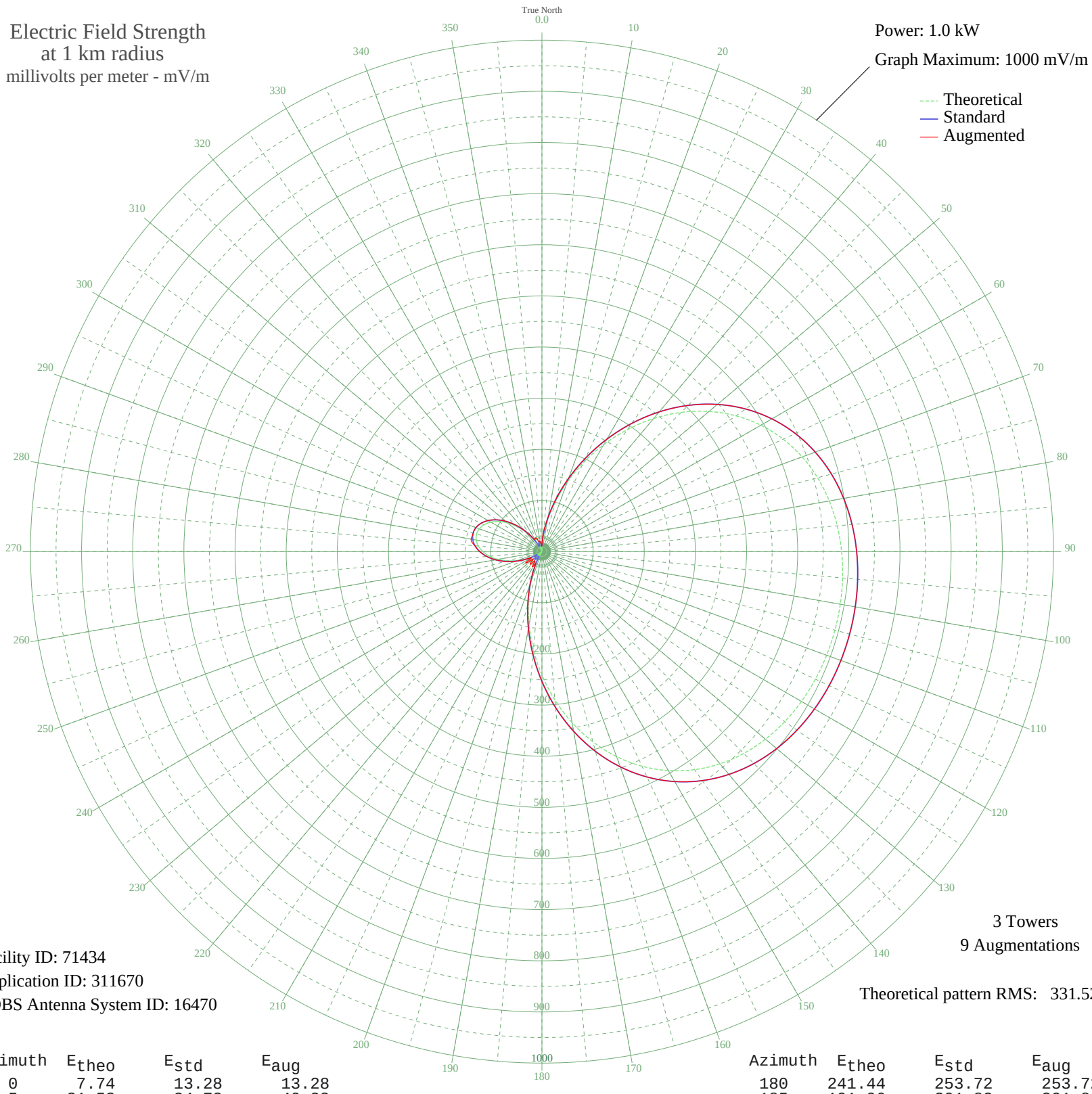
WPKZ FITCHBURG, MA BL-- 1280 kHz

Nighttime



Facility ID: 71434
Application ID: 311670
CDBS Antenna System ID: 16470

3 Towers
9 Augmentations

Theoretical pattern RMS: 331.52

Azimuth	E_{theo}	E_{std}	E_{aug}
0	7.74	13.28	13.28
5	31.53	34.73	40.23
10	62.90	66.88	66.88
15	101.01	106.57	106.57
20	144.55	152.14	152.14
25	191.95	201.83	201.83
30	241.43	253.72	253.72
35	291.19	305.93	305.93
40	339.51	356.64	356.64
45	384.94	404.32	404.32
50	426.34	447.78	447.78
55	462.92	486.18	486.18
60	494.29	519.11	519.11
65	520.40	546.52	546.52
70	541.47	568.64	568.64
75	557.96	585.95	585.95
80	570.44	599.05	599.05
85	579.54	608.61	608.61
90	585.88	615.26	615.26
95	589.99	619.57	619.57
100	592.28	621.98	621.98
105	593.01	622.75	622.75
110	592.28	621.98	621.98
115	589.99	619.57	619.57
120	585.88	615.26	615.26
125	579.54	608.61	608.61
130	570.44	599.05	599.05
135	557.96	585.95	585.95
140	541.47	568.64	568.64
145	520.40	546.52	546.52
150	494.29	519.11	519.11
155	462.92	486.18	486.18
160	426.34	447.78	447.78
165	384.94	404.33	404.33
170	339.51	356.64	356.64
175	291.19	305.93	305.93

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

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	241.44	253.72	253.72
185	191.96	201.83	201.83
190	144.55	152.14	152.14
195	101.01	106.58	106.58
200	62.91	66.88	66.88
205	31.53	34.73	35.57
210	7.74	13.28	31.13
215	8.08	13.50	26.62
220	16.03	19.84	28.06
225	16.64	20.39	31.09
230	10.84	15.48	21.70
235	0.21	10.50	38.94
240	15.15	19.06	22.99
245	32.61	35.81	36.05
250	51.23	54.80	54.80
255	69.78	74.02	74.02
260	87.19	92.15	92.15
265	102.58	108.22	108.22
270	115.22	121.44	121.44
275	124.61	131.27	131.65
280	130.39	137.31	140.75
285	132.33	139.35	139.35
290	130.39	137.31	137.31
295	124.61	131.27	131.27
300	115.22	121.44	121.44
305	102.58	108.22	108.22
310	87.19	92.15	92.15
315	69.78	74.02	74.02
320	51.23	54.80	54.80
325	32.61	35.81	35.81
330	15.15	19.06	27.41
335	0.21	10.50	29.77
340	10.84	15.48	25.05
345	16.64	20.39	20.39
350	16.03	19.84	19.84
355	8.08	13.50	13.50