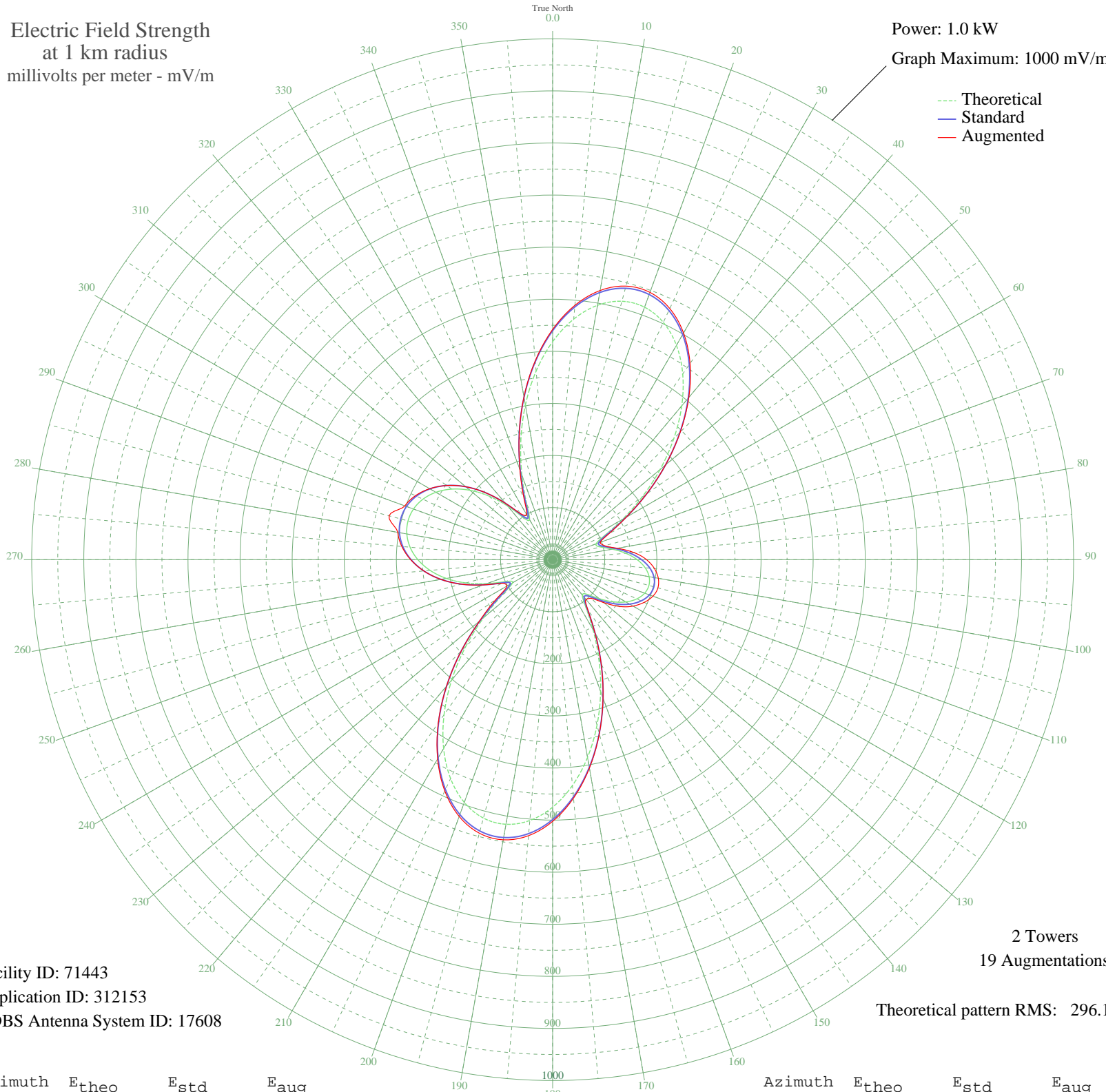


KFKA GREELEY, CO BL-- 1310 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 71443
Application ID: 312153
CDBS Antenna System ID: 17608

2 Towers
19 Augmentations
Theoretical pattern RMS: 296.12

Azimuth	E _{theo}	E _{std}	E _{aug}
0	418.64	439.69	442.11
5	463.67	486.96	490.24
10	495.95	520.85	524.77
15	513.65	539.44	543.73
20	515.88	541.78	546.11
25	502.72	527.96	532.02
30	475.22	499.09	502.57
35	435.28	457.17	459.83
40	385.52	404.93	406.63
45	329.00	345.61	346.37
50	269.11	282.76	282.86
55	209.52	220.24	220.24
60	154.59	162.66	163.19
65	110.77	116.78	120.70
70	88.64	93.66	97.17
75	94.45	99.73	103.37
80	116.31	122.58	126.02
85	140.88	148.30	156.55
90	162.25	170.69	180.25
95	178.24	187.44	196.16
100	188.02	197.70	205.93
105	191.30	201.14	209.21
110	188.02	197.70	204.87
115	178.24	187.44	193.92
120	162.25	170.69	178.27
125	140.88	148.30	156.56
130	116.31	122.58	128.53
135	94.45	99.73	105.12
140	88.64	93.66	99.90
145	110.77	116.78	117.63
150	154.59	162.66	162.66
155	209.52	220.24	220.24
160	269.11	282.76	282.76
165	329.00	345.61	346.03
170	385.52	404.93	406.28
175	435.28	457.17	459.58

Azimuth	E _{theo}	E _{std}	E _{aug}
180	475.22	499.09	502.45
185	502.72	527.96	532.01
190	515.88	541.78	546.15
195	513.65	539.44	543.71
200	495.95	520.85	524.64
205	463.67	486.96	489.95
210	418.64	439.69	441.67
215	363.47	381.78	382.73
220	301.38	316.62	316.79
225	236.17	248.20	248.20
230	172.56	181.49	183.02
235	118.09	124.44	132.65
240	88.63	93.66	101.58
245	99.75	105.26	107.15
250	134.30	141.40	141.70
255	172.51	181.44	181.70
260	207.23	217.85	217.93
265	236.20	248.23	248.23
270	258.73	271.87	272.50
275	274.72	288.64	290.66
280	284.23	298.63	301.94
285	287.39	301.94	325.06
290	284.23	298.63	301.94
295	274.72	288.64	290.65
300	258.73	271.87	272.50
305	236.20	248.23	248.23
310	207.23	217.85	217.85
315	172.51	181.44	181.44
320	134.30	141.40	141.40
325	99.75	105.26	108.21
330	88.63	93.66	99.64
335	118.09	124.44	130.51
340	172.56	181.49	183.66
345	236.17	248.20	248.22
350	301.38	316.62	317.18
355	363.47	381.78	383.24

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