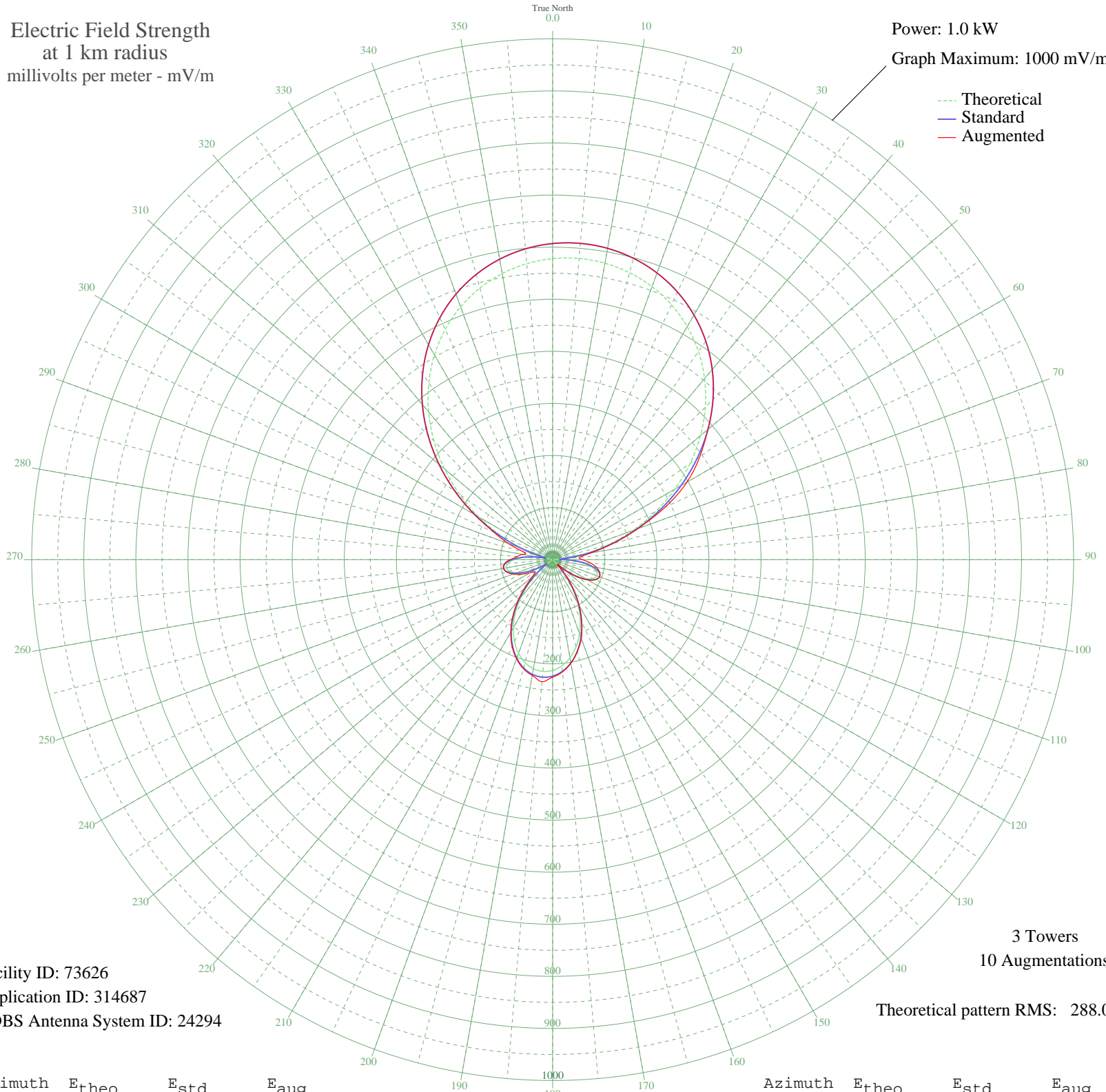


# KUBC MONTROSE, CO BL-- 580 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 73626  
Application ID: 314687  
CDBS Antenna System ID: 24294

3 Towers  
10 Augmentations

Theoretical pattern RMS: 288.07

Azimuth	Etheo	Estd	Eaug
0	577.92	606.95	606.95
5	580.42	609.57	609.57
10	577.92	606.95	606.95
15	570.38	599.03	599.03
20	557.71	585.74	585.74
25	539.80	566.93	566.93
30	516.52	542.50	542.50
35	487.81	512.36	512.36
40	453.70	476.56	476.56
45	414.40	435.31	435.31
50	370.32	389.04	389.24
55	322.14	338.48	344.86
60	270.81	284.63	297.73
65	217.57	228.80	238.13
70	163.91	172.57	173.02
75	111.49	117.75	118.90
80	62.07	66.39	74.83
85	17.39	22.23	51.71
90	20.99	25.42	56.97
95	51.68	55.73	72.70
100	73.76	78.48	85.74
105	86.69	91.90	93.38
110	90.43	95.79	95.79
115	85.39	90.55	90.55
120	72.40	77.07	77.07
125	52.63	56.70	56.70
130	27.52	31.56	31.56
135	1.54	12.78	12.78
140	32.54	36.44	36.44
145	64.36	68.75	68.75
150	95.47	101.04	101.04
155	124.66	131.50	131.50
160	150.89	158.94	160.93
165	173.35	182.45	182.45
170	191.40	201.37	201.71
175	204.60	215.20	216.30

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	Etheo	Estd	Eaug
180	212.63	223.62	225.42
185	215.33	226.45	235.37
190	212.63	223.62	225.56
195	204.60	215.20	216.81
200	191.40	201.37	202.75
205	173.34	182.45	184.03
210	150.89	158.94	160.93
215	124.66	131.50	133.70
220	95.47	101.04	104.28
225	64.36	68.75	75.32
230	32.54	36.44	51.16
235	1.54	12.78	41.14
240	27.52	31.56	49.89
245	52.63	56.70	65.97
250	72.40	77.07	80.99
255	85.39	90.55	91.51
260	90.43	95.79	95.79
265	86.69	91.90	93.18
270	73.76	78.48	81.44
275	51.68	55.73	68.78
280	20.99	25.42	58.50
285	17.39	22.23	58.45
290	62.07	66.39	90.12
295	111.49	117.75	124.09
300	163.91	172.57	172.57
305	217.57	228.80	228.80
310	270.81	284.63	284.63
315	322.14	338.48	338.48
320	370.32	389.05	389.05
325	414.40	435.31	435.31
330	453.71	476.56	476.56
335	487.81	512.36	512.36
340	516.52	542.50	542.50
345	539.80	566.93	566.93
350	557.71	585.74	585.74
355	570.38	599.03	599.03