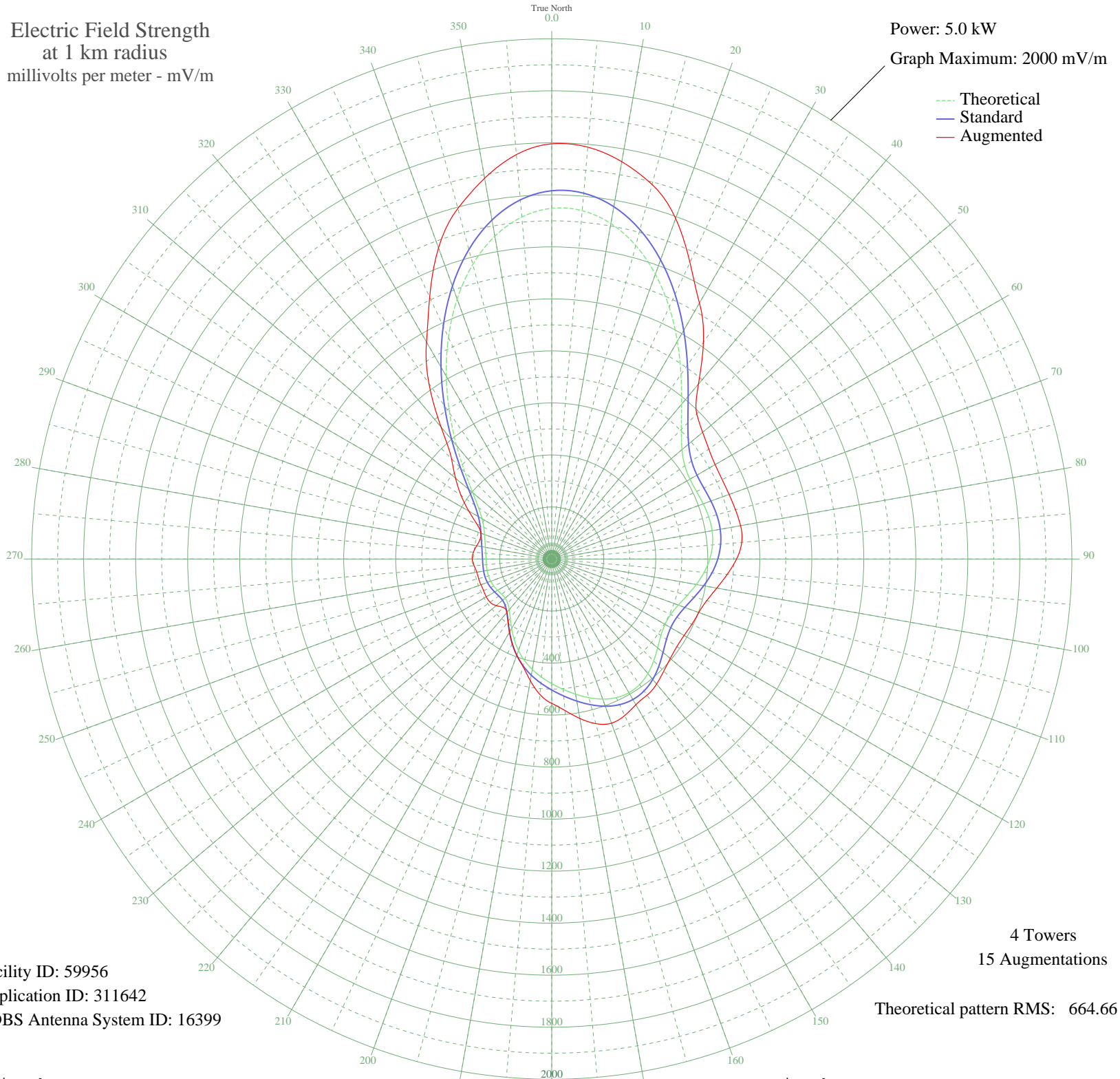


# KBNO DENVER, CO BL-- 1280 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 59956  
Application ID: 311642  
CDBS Antenna System ID: 16399

4 Towers  
15 Augmentations  
Theoretical pattern RMS: 664.66

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1348.16	1415.76	1596.18
5	1344.28	1411.68	1589.50
10	1309.59	1375.27	1550.97
15	1247.97	1310.58	1490.64
20	1165.24	1223.73	1393.23
25	1068.61	1122.29	1257.56
30	966.17	1014.75	1136.14
35	866.26	909.87	1017.07
40	776.89	816.07	877.56
45	704.77	740.39	788.52
50	654.01	687.12	757.52
55	624.90	656.56	737.24
60	613.73	644.84	725.46
65	614.28	645.43	722.86
70	619.94	651.36	725.71
75	625.16	656.84	731.39
80	626.08	657.80	737.40
85	620.48	651.92	733.37
90	607.65	638.47	710.76
95	588.31	618.17	677.38
100	564.51	593.20	644.20
105	539.64	567.11	617.36
110	518.15	544.56	601.62
115	504.70	530.45	594.38
120	502.67	528.33	587.66
125	512.57	538.71	587.32
130	531.50	558.57	594.93
135	554.25	582.43	609.37
140	575.06	604.27	627.35
145	589.19	619.09	639.15
150	593.72	623.85	646.99
155	587.95	617.79	663.94
160	573.13	602.24	671.62
165	551.98	580.05	655.27
170	527.72	554.60	622.45
175	503.02	528.70	584.81

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 <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	479.14	503.65	555.22
185	455.71	479.07	522.75
190	431.27	453.44	474.81
195	404.30	425.16	427.33
200	374.11	393.52	393.52
205	341.42	359.26	359.26
210	308.38	324.65	324.65
215	278.23	293.09	293.09
220	254.52	268.28	268.28
225	239.75	252.83	263.59
230	234.14	246.97	278.68
235	235.48	248.37	289.68
240	240.38	253.49	290.80
245	245.79	259.15	289.19
250	249.83	263.37	289.68
255	251.86	265.49	291.05
260	252.27	265.92	292.67
265	252.11	265.75	299.86
270	252.60	266.27	305.78
275	254.77	268.54	302.33
280	259.12	273.09	293.05
285	265.77	280.04	285.89
290	275.05	289.75	289.75
295	288.46	303.80	317.65
300	309.55	325.87	368.23
305	343.80	361.75	425.52
310	396.97	417.48	482.80
315	472.41	496.59	544.79
320	569.65	598.59	662.13
325	684.60	719.22	823.40
330	810.71	851.57	963.31
335	939.86	987.13	1110.89
340	1063.33	1116.74	1272.98
345	1172.56	1231.41	1395.20
350	1259.97	1323.18	1486.38
355	1319.71	1385.89	1560.71