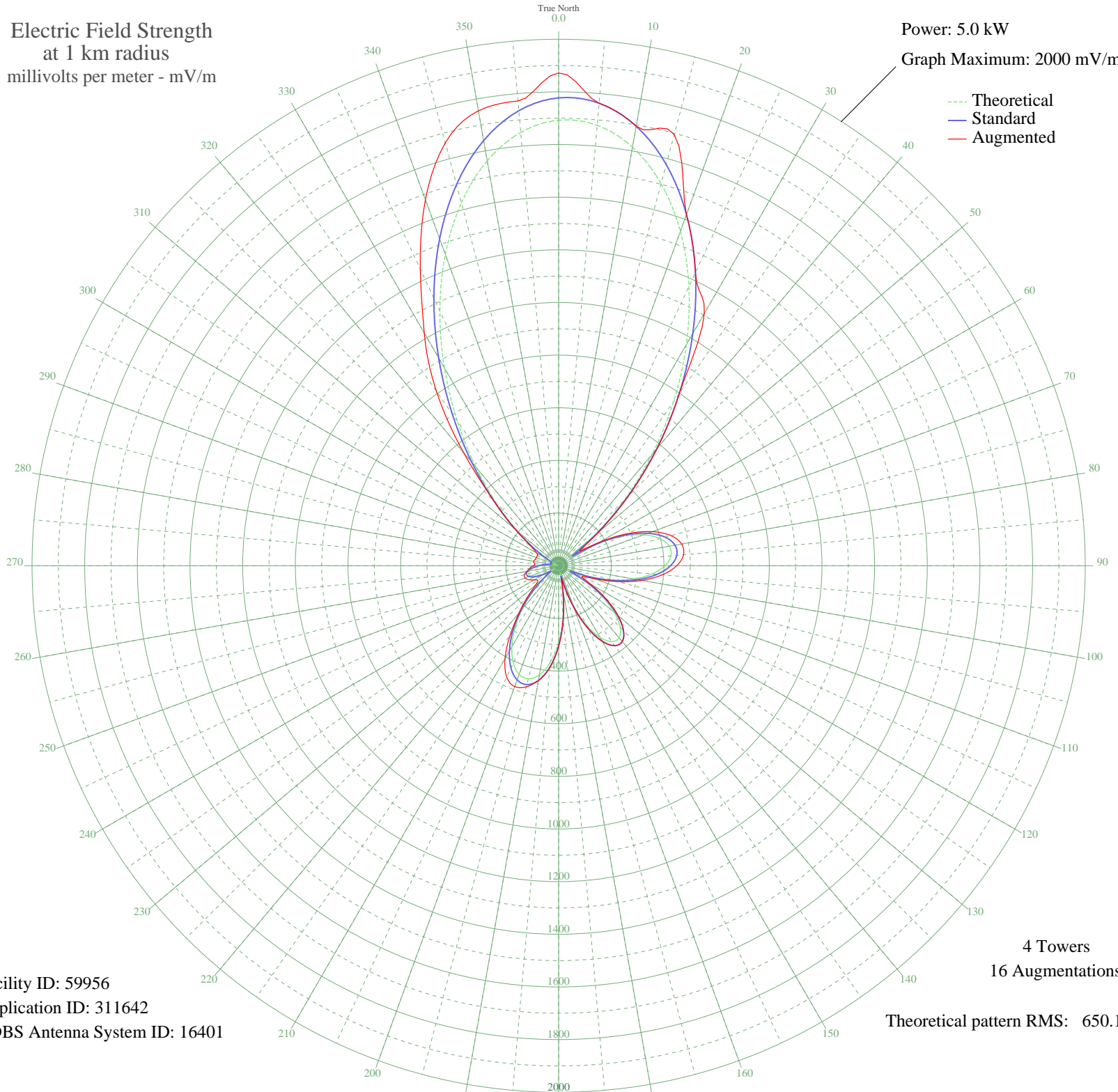


# KBNO DENVER, CO BL-- 1280 kHz

Nighttime

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: 16401

4 Towers  
16 Augmentations  
Theoretical pattern RMS: 650.17

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1692.40	1777.23	1871.89
5	1679.43	1763.61	1763.61
10	1614.63	1695.58	1695.58
15	1502.81	1578.18	1695.65
20	1351.61	1419.45	1419.45
25	1170.58	1229.41	1229.41
30	970.16	1019.03	1106.57
35	760.78	799.29	799.29
40	552.22	580.47	580.52
45	353.27	371.94	374.12
50	172.98	183.67	194.53
55	54.72	63.61	96.56
60	150.13	159.98	177.63
65	258.67	272.97	288.07
70	342.24	360.39	378.64
75	398.26	419.07	441.86
80	426.58	448.74	474.20
85	427.96	450.19	475.96
90	403.85	424.92	448.54
95	356.39	375.20	395.26
100	288.59	304.25	321.09
105	204.58	216.53	232.68
110	110.68	119.38	143.89
115	37.24	47.68	96.56
120	107.52	116.14	140.95
125	198.30	210.00	220.71
130	275.41	290.46	294.62
135	330.29	347.87	348.84
140	356.99	375.83	375.83
145	351.93	370.53	370.53
150	314.34	331.18	331.29
155	246.68	260.44	261.01
160	154.72	164.74	168.75
165	50.39	59.53	75.21
170	78.69	87.02	88.95
175	189.43	200.76	201.02

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	289.26	304.94	304.94
185	368.37	387.75	387.75
190	420.96	442.85	442.85
195	444.33	467.34	476.37
200	438.81	461.56	488.47
205	407.39	428.63	466.71
210	355.07	373.82	407.25
215	288.11	303.74	320.64
220	213.28	225.60	234.41
225	137.27	146.69	166.13
230	66.69	75.15	114.93
235	20.73	34.90	96.56
240	55.15	64.01	107.98
245	90.25	98.61	125.71
250	111.34	120.05	135.88
255	117.98	126.84	134.60
260	111.44	120.15	122.39
265	94.09	102.49	110.23
270	69.24	77.65	96.56
275	41.07	51.03	91.77
280	14.74	31.36	96.56
285	7.00	28.26	92.67
290	13.36	30.68	90.45
295	8.59	28.74	88.80
300	39.27	49.45	96.56
305	104.43	113.00	127.31
310	201.59	213.42	213.42
315	330.70	348.30	348.30
320	489.05	514.23	563.33
325	670.90	704.97	809.75
330	867.47	911.26	1020.79
335	1067.59	1121.30	1243.29
340	1258.52	1321.73	1479.55
345	1427.24	1498.85	1662.97
350	1561.74	1640.05	1754.70
355	1652.29	1735.12	1772.10