

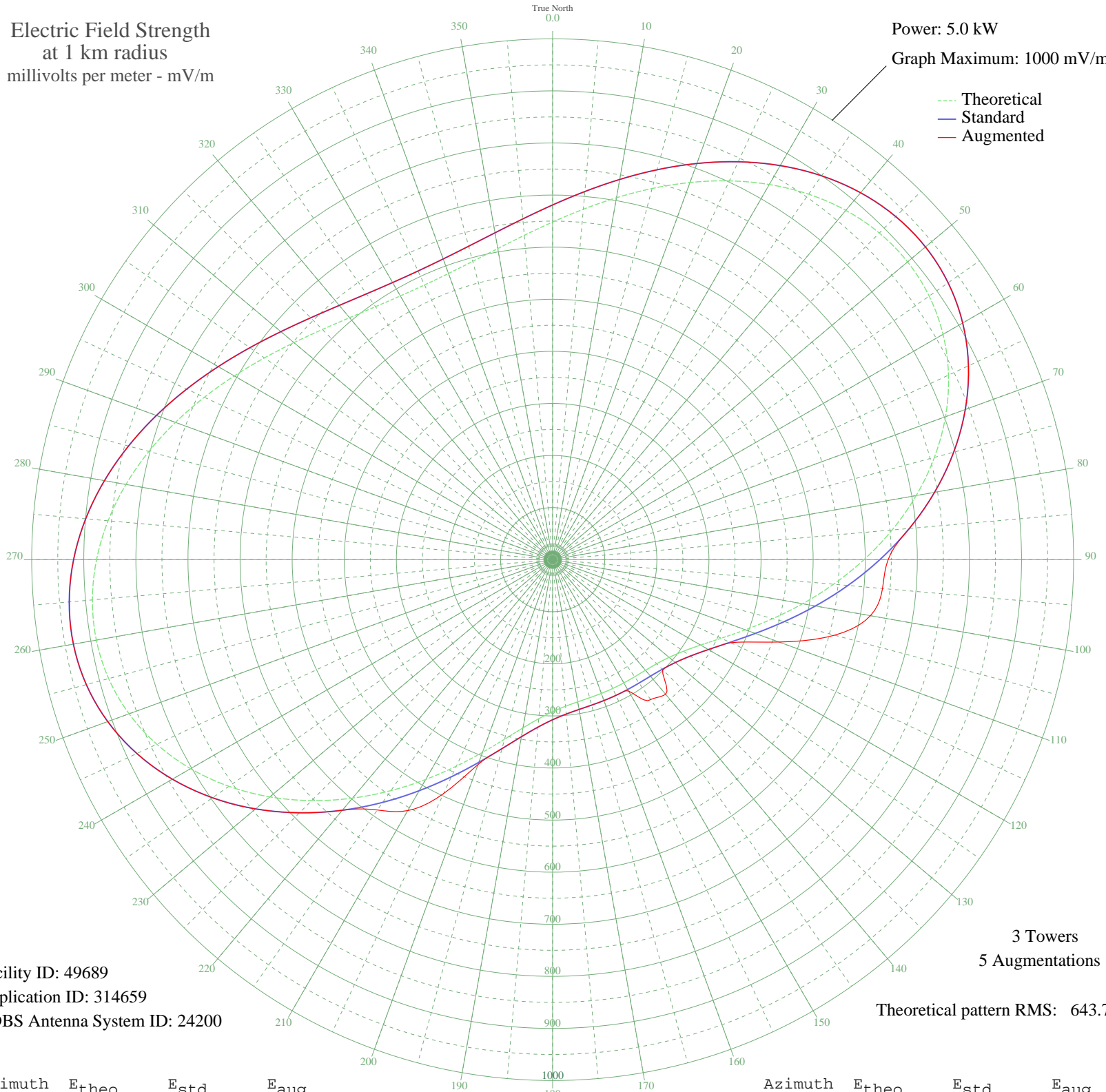
WEBC DULUTH, MN BL-- 560 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 1000 mV/m



Facility ID: 49689
Application ID: 314659
CDBS Antenna System ID: 24200

3 Towers
5 Augmentations

Theoretical pattern RMS: 643.74

Azimuth	Etheo	Estd	Eaug
0	648.22	681.04	681.04
5	675.35	709.51	709.51
10	705.56	741.21	741.21
15	737.75	774.99	774.99
20	770.55	809.42	809.42
25	802.43	842.88	842.88
30	831.71	873.61	873.61
35	856.63	899.76	899.76
40	875.51	919.59	919.59
45	886.84	931.48	931.48
50	889.39	934.15	934.15
55	882.31	926.73	926.73
60	865.27	908.83	908.83
65	838.42	880.65	880.65
70	802.47	842.92	842.92
75	758.64	796.91	796.91
80	708.55	744.35	744.35
85	654.18	687.29	687.29
90	597.69	628.02	643.98
95	541.32	568.87	635.55
100	487.25	512.15	619.41
105	437.47	459.94	560.31
110	393.64	413.99	462.36
115	356.95	375.53	377.32
120	327.97	345.17	345.17
125	306.55	322.73	322.73
130	291.85	307.34	307.34
135	282.56	297.62	298.59
140	277.22	292.02	337.35
145	274.45	289.13	327.89
150	273.22	287.84	291.10
155	272.88	287.48	287.48
160	273.22	287.84	287.84
165	274.45	289.13	289.13
170	277.22	292.02	292.02
175	282.56	297.62	297.62

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	Etheo	Estd	Eaug
180	291.85	307.34	307.34
185	306.55	322.73	322.73
190	327.97	345.17	345.17
195	356.95	375.53	375.53
200	393.64	413.99	418.58
205	437.47	459.94	495.58
210	487.25	512.15	556.28
215	541.32	568.87	586.73
220	597.69	628.02	628.02
225	654.18	687.29	687.29
230	708.55	744.35	744.58
235	758.64	796.91	797.19
240	802.47	842.92	842.92
245	838.42	880.65	880.65
250	865.27	908.83	908.83
255	882.31	926.73	926.73
260	889.39	934.15	934.15
265	886.84	931.48	931.48
270	875.51	919.59	919.59
275	856.63	899.76	899.76
280	831.71	873.61	873.61
285	802.43	842.88	842.88
290	770.55	809.42	809.42
295	737.75	774.99	774.99
300	705.56	741.21	741.21
305	675.35	709.51	709.51
310	648.22	681.04	681.04
315	625.04	656.72	656.72
320	606.46	637.22	637.22
325	592.92	623.01	623.01
330	584.70	614.38	614.38
335	581.94	611.49	611.49
340	584.70	614.38	614.38
345	592.92	623.01	623.01
350	606.46	637.22	637.22
355	625.04	656.72	656.72