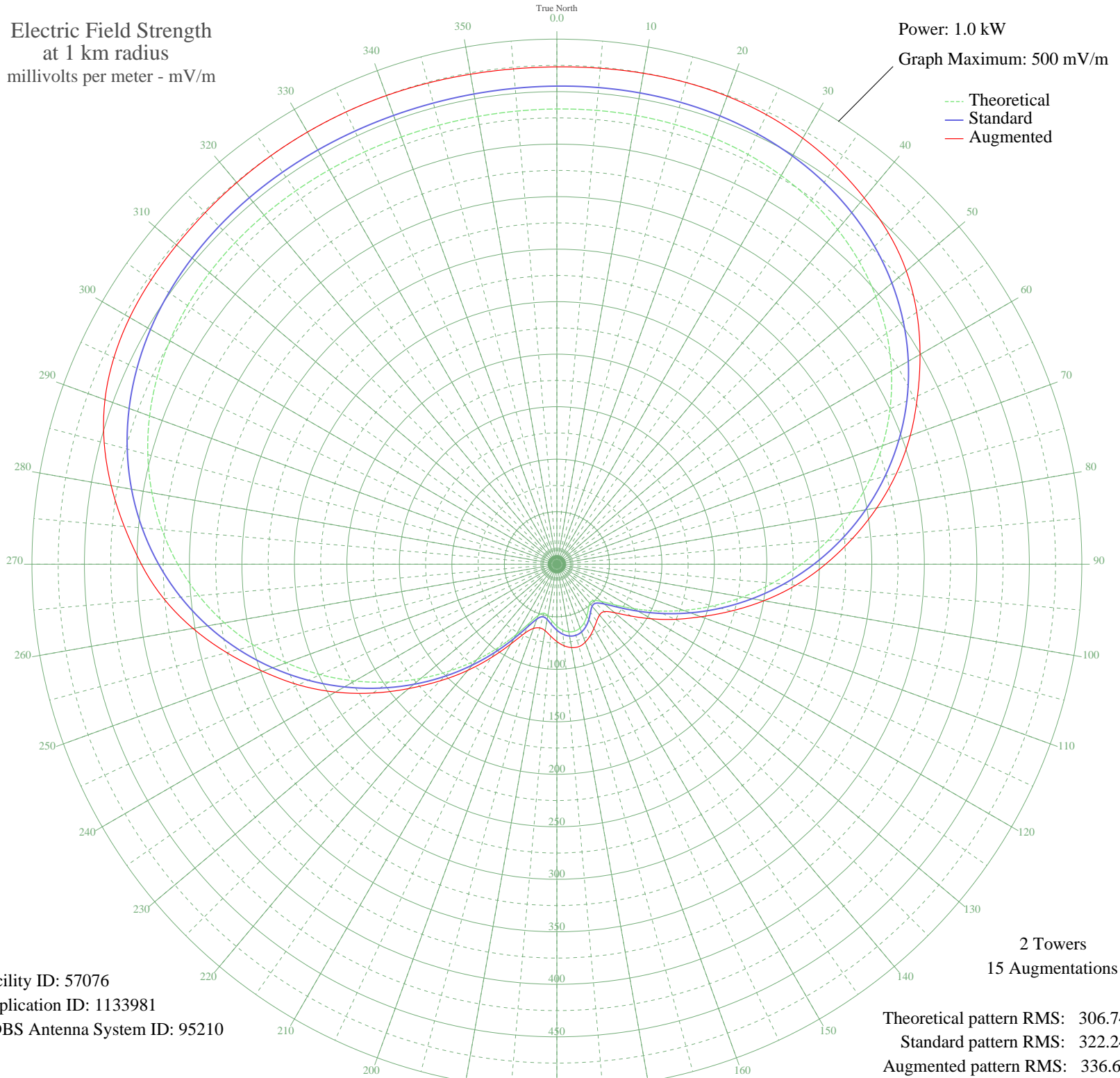


KRWB ROSEAU, MN BL-20060523AEO 1410 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 57076
Application ID: 1133981
CDBS Antenna System ID: 95210

Theoretical pattern RMS: 306.74
Standard pattern RMS: 322.24
Augmented pattern RMS: 336.67

Azimuth	E _{theo}	E _{std}	E _{aug}
0	433.48	455.28	473.58
5	433.79	455.60	474.09
10	433.89	455.71	474.69
15	433.56	455.36	474.92
20	432.55	454.30	474.27
25	430.57	452.22	472.26
30	427.34	448.83	468.44
35	422.58	443.84	462.77
40	416.02	436.95	455.37
45	407.43	427.93	446.40
50	396.62	416.59	434.46
55	383.49	402.80	418.44
60	367.99	386.53	399.44
65	350.15	367.80	379.03
70	330.09	346.76	358.20
75	308.03	323.60	334.98
80	284.24	298.63	309.52
85	259.07	272.23	282.77
90	232.94	244.81	255.89
95	206.30	216.87	228.57
100	179.66	188.93	200.22
105	153.55	161.56	172.11
110	128.53	135.37	146.18
115	105.27	111.03	124.08
120	84.54	89.38	103.87
125	67.37	71.51	85.91
130	55.11	58.81	71.79
135	48.97	52.48	63.85
140	48.73	52.23	63.19
145	52.25	55.86	66.16
150	57.08	60.84	70.53
155	61.51	65.43	75.07
160	64.62	68.65	78.98
165	65.96	70.05	81.20
170	65.38	69.45	80.58
175	62.94	66.92	77.90

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	58.96	62.79	73.61
185	54.14	57.81	68.58
190	49.84	53.37	64.28
195	48.25	51.74	62.79
200	51.88	55.48	65.05
205	61.79	65.73	72.54
210	77.17	81.71	87.66
215	96.62	101.99	108.25
220	118.98	125.37	131.84
225	143.37	150.91	156.91
230	169.12	177.89	184.22
235	195.62	205.66	213.81
240	222.32	233.67	243.52
245	248.71	261.35	271.74
250	274.31	288.22	298.22
255	298.70	313.81	325.43
260	321.50	337.73	351.96
265	342.38	359.65	375.85
270	361.13	379.33	395.77
275	377.57	396.59	413.67
280	391.65	411.37	431.08
285	403.38	423.68	446.39
290	412.84	433.61	458.07
295	420.19	441.32	465.53
300	425.64	447.04	469.82
305	429.45	451.04	471.88
310	431.89	453.61	472.81
315	433.25	455.04	473.58
320	433.82	455.64	474.35
325	433.87	455.68	474.87
330	433.62	455.42	475.17
335	433.28	455.06	475.19
340	432.99	454.76	474.89
345	432.86	454.62	474.35
350	432.92	454.68	473.78
355	433.15	454.93	473.46