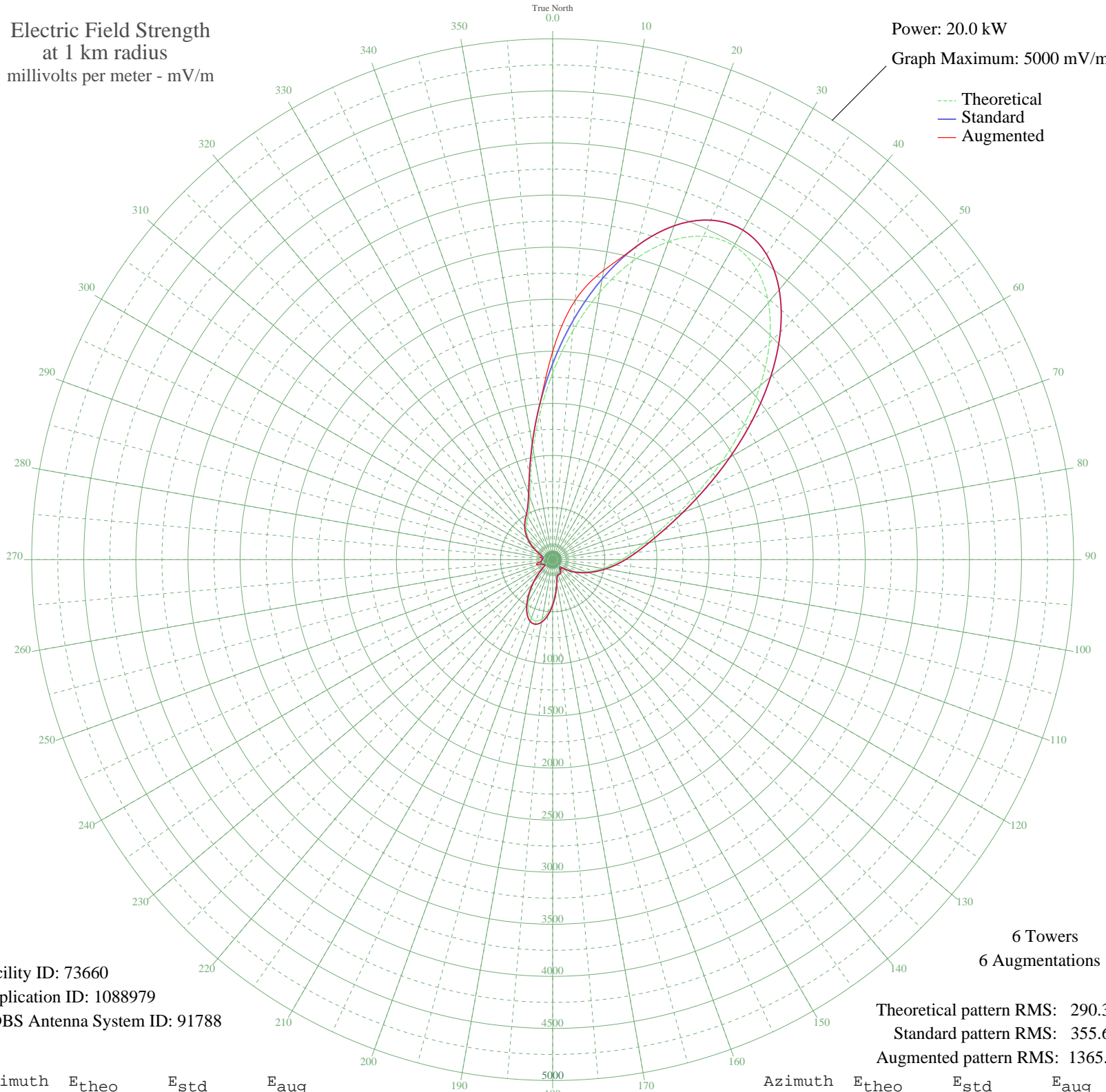


WHBY KIMBERLY, WI BL-20050920AGF 1150 kHz

Daytime

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

Power: 20.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 73660
Application ID: 1088979
CDBS Antenna System ID: 91788

6 Towers
6 Augmentations

Theoretical pattern RMS: 290.36
Standard pattern RMS: 355.69
Augmented pattern RMS: 1365.17

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1790.80	1880.93	1998.17
5	2202.50	2313.10	2502.00
10	2606.47	2737.19	2819.04
15	2966.43	3115.10	3115.10
20	3248.23	3410.97	3410.97
25	3424.56	3596.09	3596.09
30	3478.86	3653.10	3653.10
35	3407.81	3578.51	3578.51
40	3221.66	3383.07	3383.07
45	2942.55	3090.04	3090.04
50	2601.15	2731.61	2731.61
55	2232.21	2344.29	2344.29
60	1869.76	1963.81	1963.81
65	1542.33	1620.13	1620.13
70	1268.65	1332.91	1332.91
75	1054.42	1108.14	1108.14
80	892.39	938.18	938.18
85	767.27	807.00	807.00
90	663.70	698.46	698.46
95	571.78	602.20	602.20
100	487.71	514.24	514.24
105	411.12	434.23	434.23
110	342.05	362.21	362.21
115	279.09	296.79	296.79
120	219.74	235.46	235.46
125	162.54	177.01	177.01
130	110.78	125.44	125.44
135	79.42	95.70	118.44
140	87.73	103.39	109.33
145	115.29	129.84	129.84
150	135.85	150.17	150.17
155	140.95	155.27	155.27
160	137.86	152.18	158.00
165	154.29	168.68	168.68
170	215.15	230.73	230.73
175	309.76	328.62	328.62

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	E _{theo}	E _{std}	E _{aug}
180	414.78	438.05	438.05
185	509.67	537.21	537.21
190	578.11	608.83	608.83
195	609.18	641.36	641.36
200	598.71	630.39	630.39
205	549.57	578.95	578.95
210	470.55	496.31	496.31
215	374.07	395.57	395.57
220	273.45	290.94	290.94
225	180.93	195.69	195.69
230	108.03	122.77	122.77
235	70.48	87.64	89.71
240	74.80	91.50	92.02
245	91.22	106.67	106.67
250	101.45	116.41	138.36
255	103.30	118.19	161.00
260	99.26	114.31	119.41
265	92.56	107.94	107.94
270	85.33	101.16	101.16
275	78.38	94.75	98.18
280	73.64	90.46	121.70
285	77.72	94.15	109.39
290	98.58	113.66	113.66
295	136.33	150.66	150.66
300	185.52	200.38	200.38
305	240.47	256.83	256.83
310	296.28	314.62	314.62
315	348.80	369.24	369.24
320	395.24	417.66	417.66
325	435.79	459.99	459.99
330	477.04	503.09	503.09
335	536.31	565.08	565.08
340	641.09	674.78	674.78
345	817.08	859.22	859.22
350	1074.26	1128.95	1128.95
355	1405.35	1476.36	1476.36