

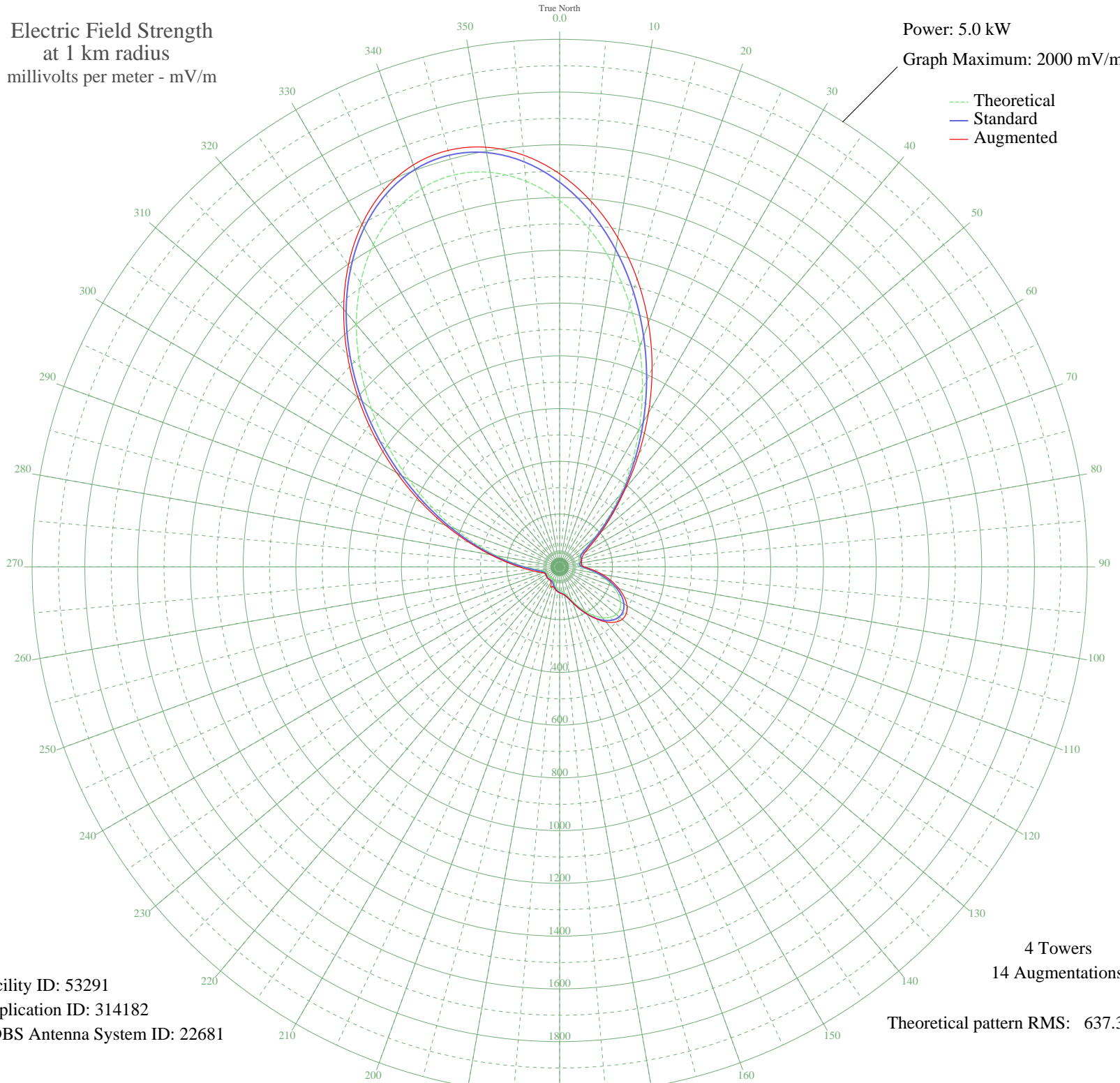
WJKN JACKSON, MI BL-- 1510 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 53291
Application ID: 314182
CDBS Antenna System ID: 22681

4 Towers
14 Augmentations
Theoretical pattern RMS: 637.30

Azimuth	Etheo	Estd	Eaug
0	1388.64	1458.27	1490.09
5	1285.53	1350.03	1389.03
10	1163.52	1221.94	1268.03
15	1028.37	1080.06	1132.04
20	886.09	930.71	984.14
25	742.55	780.06	829.08
30	603.20	633.82	672.86
35	472.85	497.08	522.71
40	355.65	374.21	388.53
45	255.14	268.99	283.81
50	174.70	185.03	203.60
55	118.12	126.37	146.26
60	88.51	96.04	111.82
65	80.60	88.03	95.58
70	79.86	87.29	89.22
75	76.73	84.13	85.77
80	70.71	78.11	84.51
85	68.68	76.08	83.42
90	80.25	87.68	93.64
95	106.70	114.62	124.55
100	141.75	150.80	163.31
105	179.31	189.83	201.89
110	214.85	226.89	237.83
115	244.89	258.28	270.14
120	266.79	281.18	294.63
125	278.76	293.70	308.30
130	279.91	294.91	309.47
135	270.42	284.97	296.87
140	251.45	265.14	272.31
145	225.19	237.69	239.99
150	194.65	205.81	205.81
155	163.44	173.31	173.31
160	135.44	144.27	144.27
165	114.02	122.16	122.20
170	100.62	108.40	108.95
175	93.62	101.25	102.64

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.

17 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	89.39	96.94	99.03
185	84.74	92.22	94.48
190	78.29	85.70	88.18
195	70.36	77.76	81.72
200	62.45	69.92	79.42
205	56.45	64.04	77.79
210	53.56	61.24	65.66
215	53.39	61.08	62.50
220	54.36	62.01	62.01
225	54.92	62.56	62.64
230	54.35	62.00	62.28
235	52.85	60.55	61.08
240	51.35	59.12	60.19
245	51.25	59.02	60.78
250	54.02	61.69	66.16
255	61.17	68.66	78.24
260	74.65	82.05	95.80
265	97.02	104.72	120.05
270	131.11	139.78	153.97
275	179.32	189.84	201.17
280	243.35	256.66	266.09
285	324.01	341.07	353.48
290	421.13	442.85	459.52
295	533.46	560.66	580.61
300	658.56	691.91	713.33
305	792.79	832.78	853.78
310	931.43	978.30	997.26
315	1068.86	1122.56	1138.50
320	1198.92	1259.10	1273.81
325	1315.29	1381.27	1396.41
330	1412.00	1482.80	1499.13
335	1483.86	1558.25	1575.81
340	1526.91	1603.44	1621.75
345	1538.74	1615.86	1634.43
350	1518.65	1594.76	1615.63
355	1467.71	1541.29	1566.78