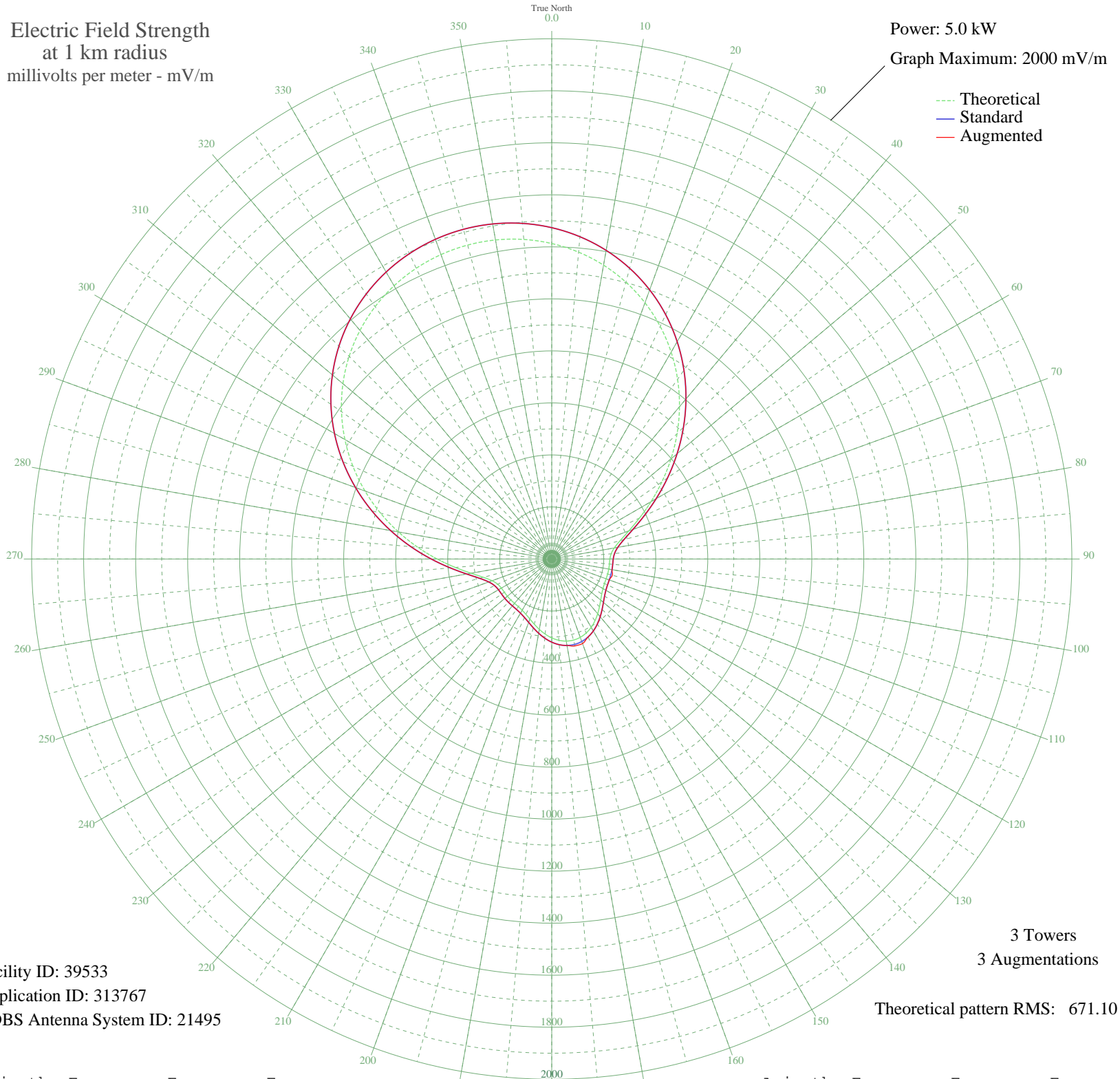


WION IONIA, MI BL-9442 1430 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 39533
Application ID: 313767
CDBS Antenna System ID: 21495

3 Towers
3 Augmentations
Theoretical pattern RMS: 671.10

Azimuth	Etheo	Estd	Eaug
0	1212.84	1273.80	1273.80
5	1184.19	1243.72	1243.72
10	1147.18	1204.87	1204.87
15	1101.82	1157.25	1157.25
20	1048.26	1101.03	1101.03
25	986.88	1036.61	1036.61
30	918.34	964.67	964.67
35	843.64	886.27	886.27
40	764.17	802.87	802.87
45	681.72	716.35	716.35
50	598.51	629.06	629.06
55	517.16	543.74	543.74
60	440.64	463.53	463.53
65	372.21	391.83	391.83
70	315.14	332.09	332.09
75	272.12	287.11	287.11
80	244.12	257.86	257.86
85	229.35	242.45	242.45
90	223.67	236.53	236.53
95	222.51	235.32	235.32
100	222.61	235.42	235.42
105	222.56	235.38	241.40
110	222.56	235.37	235.37
115	223.72	236.58	236.58
120	227.46	240.48	240.48
125	234.74	248.07	248.07
130	245.67	259.48	259.48
135	259.47	273.89	273.89
140	274.73	289.83	289.83
145	289.84	305.62	305.62
150	303.28	319.68	319.68
155	313.79	330.67	330.67
160	320.46	337.66	346.01
165	322.75	340.05	346.01
170	320.46	337.66	337.66
175	313.79	330.67	330.67

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	303.28	319.68	319.68
185	289.84	305.62	305.62
190	274.73	289.83	289.83
195	259.47	273.89	273.89
200	245.67	259.48	259.48
205	234.74	248.07	248.07
210	227.46	240.48	240.48
215	223.72	236.58	236.58
220	222.56	235.37	235.37
225	222.56	235.38	235.38
230	222.61	235.42	235.42
235	222.51	235.32	235.32
240	223.67	236.53	236.53
245	229.35	242.45	242.45
250	244.12	257.86	257.86
255	272.12	287.11	287.11
260	315.14	332.09	332.09
265	372.21	391.83	391.83
270	440.64	463.53	463.53
275	517.16	543.74	543.74
280	598.51	629.06	629.06
285	681.72	716.35	716.35
290	764.17	802.87	802.87
295	843.64	886.27	886.27
300	918.34	964.67	964.67
305	986.88	1036.61	1036.61
310	1048.26	1101.03	1101.03
315	1101.82	1157.25	1157.25
320	1147.18	1204.86	1204.86
325	1184.19	1243.72	1243.72
330	1212.84	1273.80	1273.80
335	1233.21	1295.17	1295.17
340	1245.37	1307.94	1307.94
345	1249.42	1312.19	1312.19
350	1245.37	1307.94	1307.94
355	1233.21	1295.17	1295.17