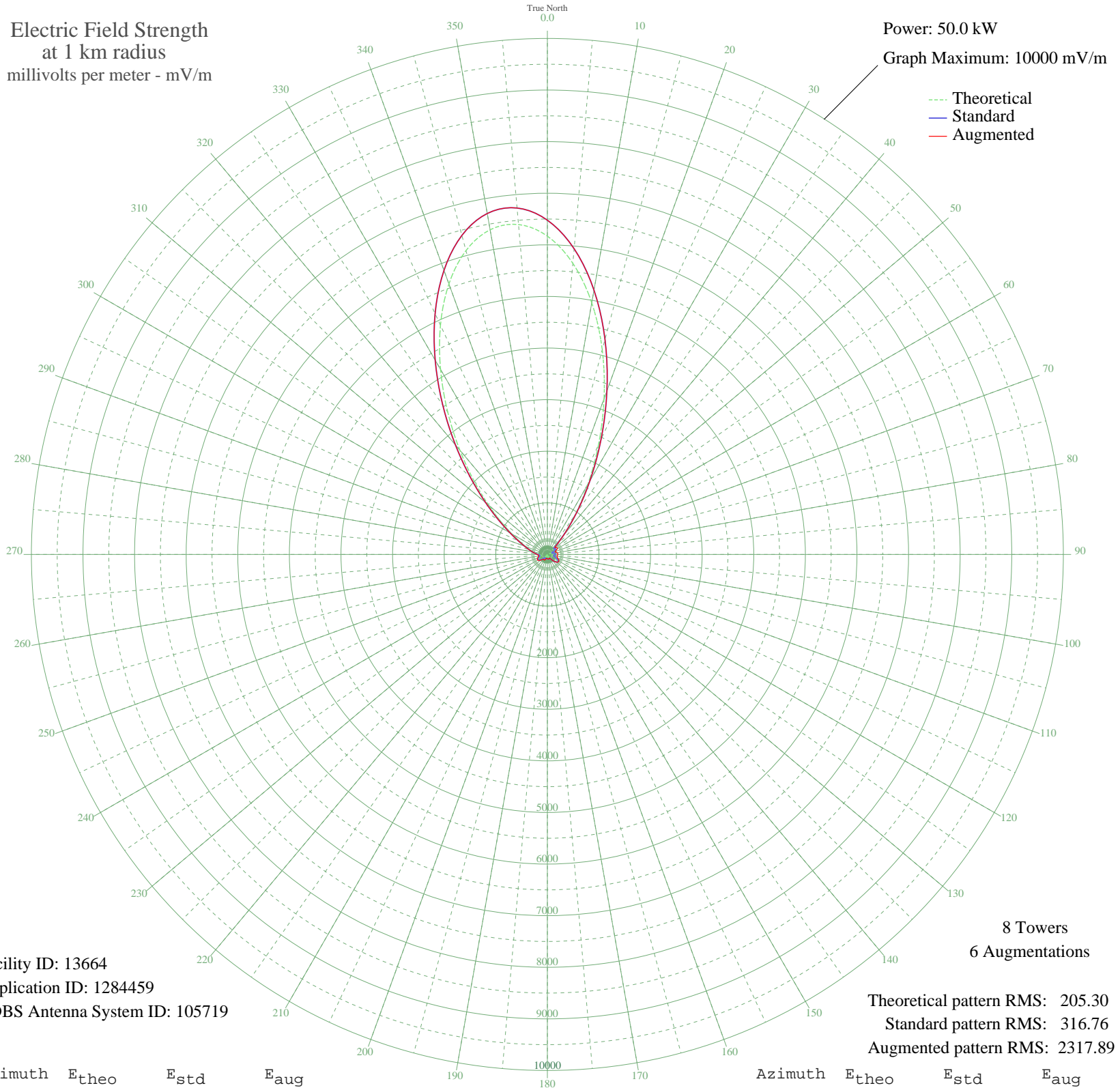


WFDF FARMINGTON HILLS, MI BL-20081211AGB 910 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 10000 mV/m



Facility ID: 13664
Application ID: 1284459
CDBS Antenna System ID: 105719

8 Towers
6 Augmentations

Theoretical pattern RMS: 205.30
Standard pattern RMS: 316.76
Augmented pattern RMS: 2317.89

Azimuth	Etheo	Estd	Eaug
0	6169.44	6478.33	6478.33
5	5664.16	5947.83	5947.83
10	4953.02	5201.20	5201.20
15	4108.25	4314.30	4314.30
20	3211.89	3373.30	3373.30
25	2343.29	2461.58	2461.58
30	1568.44	1648.53	1648.89
35	933.33	982.81	985.19
40	463.61	492.42	501.47
45	181.56	204.59	232.36
50	143.33	167.81	203.08
55	176.03	199.18	232.97
60	157.47	181.25	222.85
65	100.72	129.22	188.22
70	42.13	86.43	164.18
75	64.80	100.71	170.74
80	110.06	137.36	191.11
85	132.83	158.00	203.93
90	129.38	154.81	203.33
95	106.42	134.15	196.27
100	85.24	116.29	190.14
105	100.67	129.17	195.95
110	146.11	170.44	216.94
115	191.98	214.82	242.24
120	221.74	244.38	257.79
125	227.43	250.08	254.37
130	207.23	229.91	230.05
135	165.04	188.53	188.53
140	109.74	137.08	137.08
145	54.47	93.72	93.72
150	26.60	79.33	79.33
155	44.57	87.76	87.76
160	56.44	95.00	95.00
165	55.60	94.45	94.45
170	50.27	91.10	91.10
175	47.02	89.17	89.17

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.

29 Feb 2016

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	42.05	86.38	86.38
185	28.23	79.95	79.95
190	4.86	74.42	74.42
195	24.35	78.53	80.48
200	48.18	89.85	100.62
205	58.35	96.26	118.17
210	48.99	90.33	124.08
215	19.86	77.12	121.03
220	27.36	79.61	121.93
225	79.47	111.69	139.20
230	128.97	154.44	171.06
235	166.31	189.75	201.45
240	185.16	208.11	218.12
245	183.45	206.43	217.08
250	164.01	187.54	202.64
255	135.61	160.59	182.80
260	115.42	142.13	169.67
265	124.15	150.02	173.82
270	161.46	185.08	197.28
275	213.09	235.74	238.67
280	273.35	296.47	296.47
285	346.37	371.19	371.19
290	443.85	471.92	471.92
295	583.76	617.43	617.43
300	788.59	831.34	831.34
305	1081.91	1138.43	1138.43
310	1483.56	1559.51	1559.51
315	2004.02	2105.54	2105.54
320	2639.05	2772.00	2772.00
325	3365.61	3534.67	3534.67
330	4140.46	4348.12	4348.12
335	4902.46	5148.11	5148.11
340	5578.98	5858.40	5858.40
345	6095.94	6401.17	6401.17
350	6389.67	6709.56	6709.56
355	6418.19	6739.51	6739.51