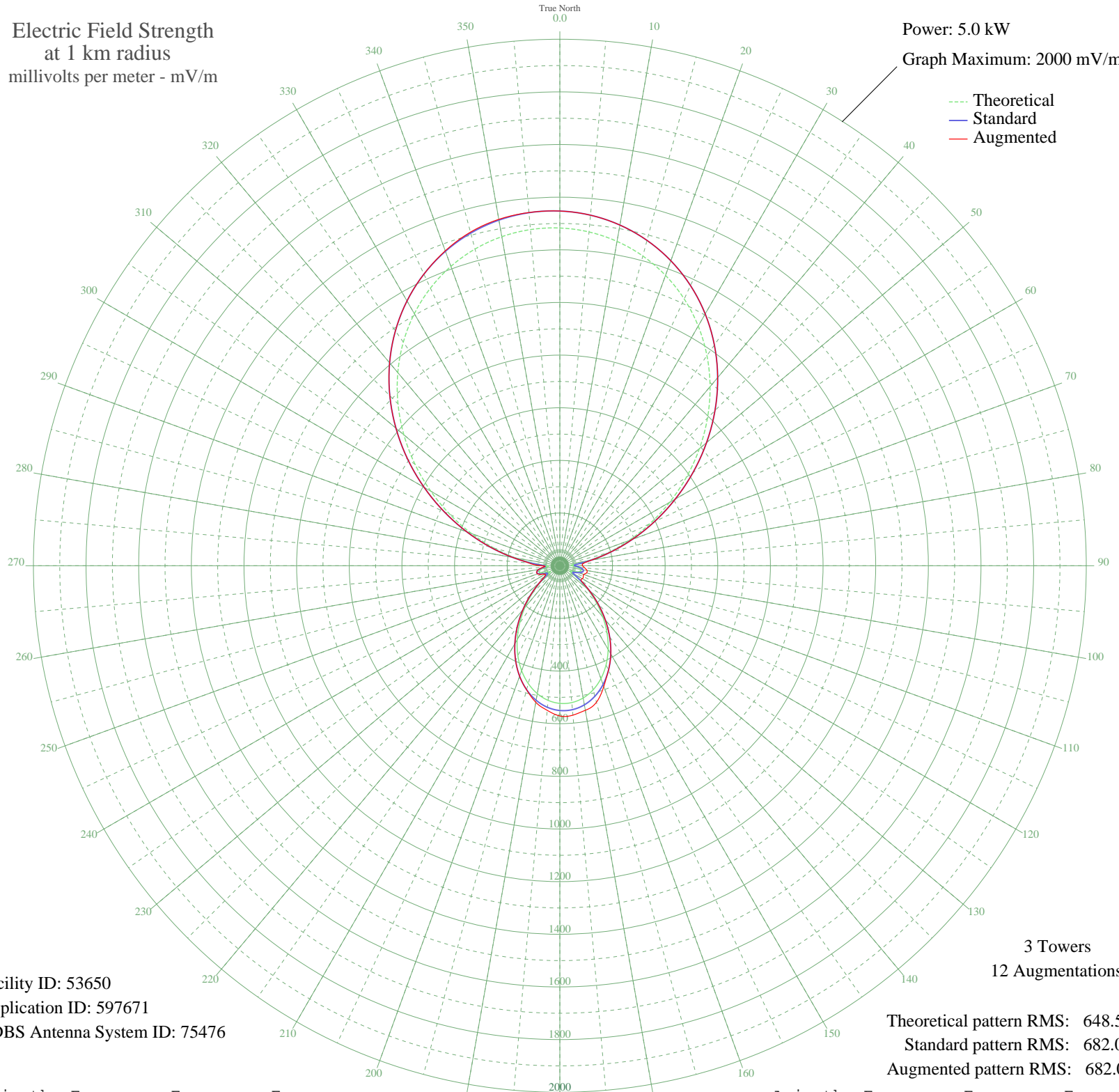


WCMR ELKHART, IN BL-20020305ABH 1270 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 53650
Application ID: 597671
CDBS Antenna System ID: 75476

Theoretical pattern RMS: 648.57
Standard pattern RMS: 682.06
Augmented pattern RMS: 682.06

Azimuth	Etheo	Estd	Eaug
0	1282.93	1347.46	1347.46
5	1272.72	1336.74	1336.74
10	1251.13	1314.08	1314.08
15	1218.14	1279.45	1279.45
20	1173.76	1232.86	1232.86
25	1118.09	1174.43	1174.43
30	1051.44	1104.47	1104.47
35	974.39	1023.61	1023.61
40	887.87	932.82	932.82
45	793.26	833.53	833.53
50	692.36	727.68	727.68
55	587.48	617.68	617.68
60	481.34	506.42	506.42
65	377.03	397.17	397.17
70	277.89	293.54	293.54
75	187.51	199.47	199.47
80	110.12	119.97	121.67
85	54.21	65.29	87.59
90	44.93	56.99	86.06
95	66.19	76.51	94.90
100	80.22	90.10	104.80
105	80.20	90.07	105.11
110	67.00	77.28	96.51
115	47.21	58.99	98.25
120	46.15	58.06	98.54
125	82.43	92.27	99.79
130	135.20	145.51	145.51
135	193.93	206.12	206.12
140	254.12	268.74	268.74
145	312.69	329.87	329.87
150	367.16	386.84	386.84
155	415.55	437.49	437.49
160	456.26	480.14	488.23
165	488.08	513.48	536.98
170	510.12	536.59	557.55
175	521.83	548.85	569.76

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	522.90	549.97	570.81
185	513.31	539.92	551.36
190	493.29	518.94	526.71
195	463.37	487.58	487.92
200	424.35	446.71	446.71
205	377.38	397.54	397.54
210	323.98	341.68	341.68
215	266.05	281.18	281.18
220	205.96	218.61	218.61
225	146.64	157.26	157.26
230	92.17	101.93	102.37
235	51.03	62.40	70.21
240	44.15	56.32	64.48
245	63.17	73.64	76.95
250	78.51	88.43	90.08
255	81.37	91.23	91.23
260	70.01	80.16	81.79
265	48.66	60.28	63.78
270	47.61	59.35	70.16
275	96.75	106.50	117.40
280	170.83	182.20	182.20
285	259.00	273.82	273.82
290	356.68	375.87	375.87
295	460.23	484.30	484.30
300	566.26	595.43	595.43
305	671.62	705.92	705.92
310	773.51	812.82	812.82
315	869.55	913.59	913.59
320	957.81	1006.21	1006.21
325	1036.84	1089.15	1089.15
330	1105.62	1161.34	1161.34
335	1163.52	1222.11	1222.13
340	1210.18	1271.09	1272.93
345	1245.45	1308.11	1311.99
350	1269.31	1333.16	1336.13
355	1281.80	1346.27	1346.81