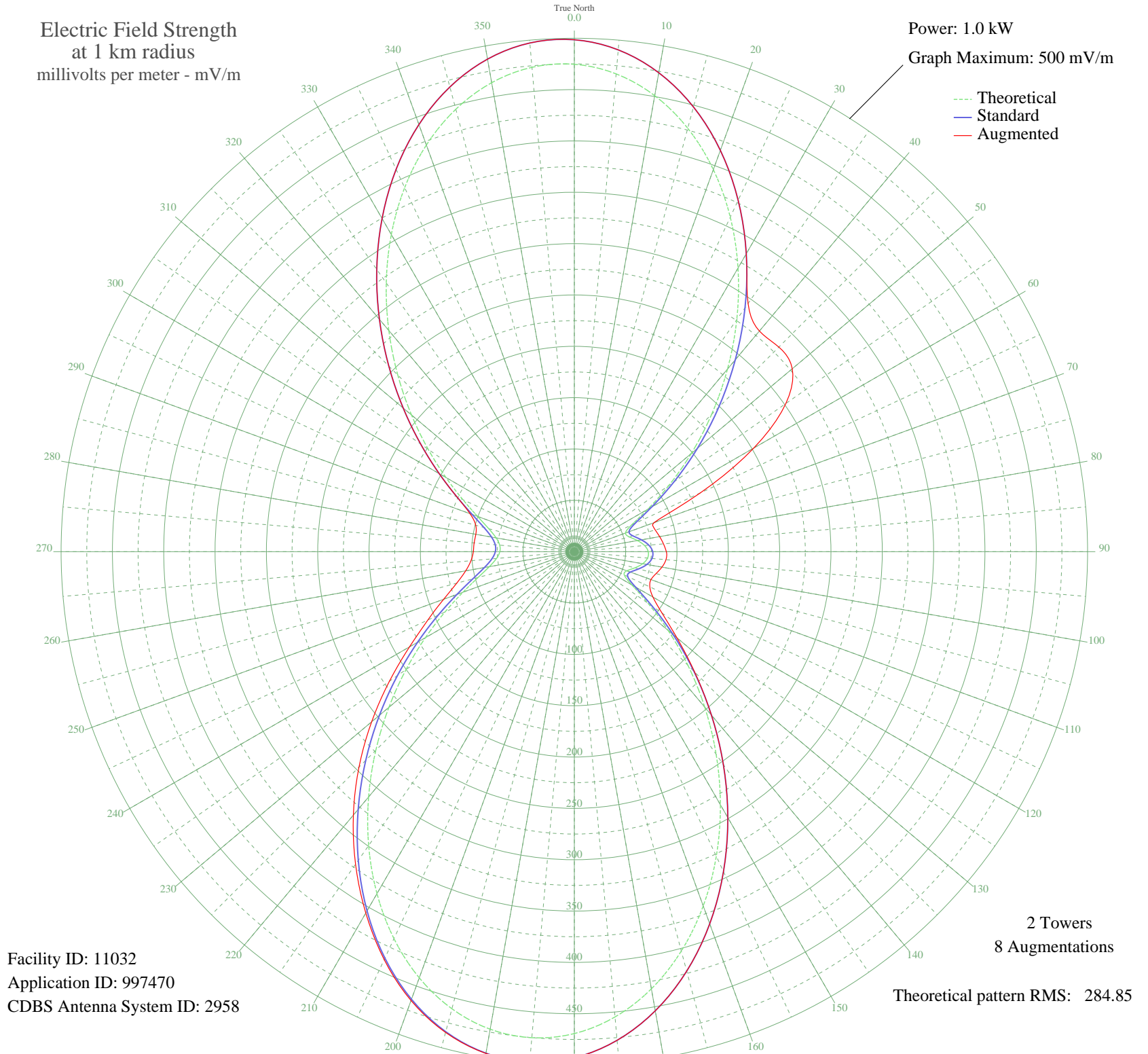


DWOLY BATTLE CREEK, MI BL-11492 1500 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 11032
Application ID: 997470
CDBS Antenna System ID: 2958

2 Towers
8 Augmentations
Theoretical pattern RMS: 284.85

Azimuth	E _{theo}	E _{std}	E _{aug}
0	474.69	498.53	498.53
5	467.09	490.56	490.56
10	450.95	473.62	473.62
15	426.91	448.38	448.38
20	395.98	415.91	415.91
25	359.47	377.59	377.59
30	318.90	335.01	335.01
35	275.90	289.88	295.08
40	232.12	243.95	280.49
45	189.19	198.92	281.76
50	148.71	156.50	277.15
55	112.37	118.46	251.54
60	82.27	87.02	201.85
65	61.43	65.35	135.34
70	53.00	56.64	82.59
75	55.49	59.20	81.61
80	62.39	66.34	84.38
85	68.65	72.85	87.17
90	71.99	76.31	89.60
95	71.61	75.92	89.60
100	67.59	71.74	86.67
105	60.95	64.85	82.42
110	54.42	58.10	79.47
115	53.66	57.31	81.15
120	64.68	68.72	88.40
125	87.66	92.64	104.28
130	119.22	125.62	130.42
135	156.53	164.69	165.73
140	197.63	207.77	207.77
145	240.86	253.12	253.12
150	284.61	299.03	299.03
155	327.26	343.79	343.79
160	367.15	385.65	385.65
165	402.66	422.92	422.92
170	432.31	454.05	454.05
175	454.84	477.70	477.70

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.

02 Nov 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	469.31	492.89	492.89
185	475.15	499.02	499.02
190	472.23	495.95	496.16
195	460.84	483.99	484.71
200	441.68	463.88	465.17
205	415.81	436.73	438.32
210	384.54	403.90	406.35
215	349.35	366.97	371.60
220	311.82	327.58	334.90
225	273.49	287.36	296.67
230	235.82	247.83	257.77
235	200.13	210.40	219.88
240	167.57	176.26	185.41
245	139.09	146.43	157.44
250	115.45	121.67	135.44
255	97.09	102.48	118.66
260	84.11	88.94	107.50
265	76.15	80.65	101.11
270	72.60	76.95	98.40
275	72.99	77.35	97.98
280	77.37	81.91	97.45
285	86.28	91.21	99.44
290	100.33	105.86	108.14
295	119.76	126.19	126.21
300	144.42	152.01	152.01
305	173.78	182.77	182.77
310	207.05	217.66	217.66
315	243.24	255.61	255.61
320	281.15	295.39	295.39
325	319.44	335.58	335.58
330	356.63	374.61	374.61
335	391.15	410.85	410.85
340	421.46	442.66	442.66
345	446.09	468.51	468.51
350	463.77	487.07	487.07
355	473.51	497.29	497.29