

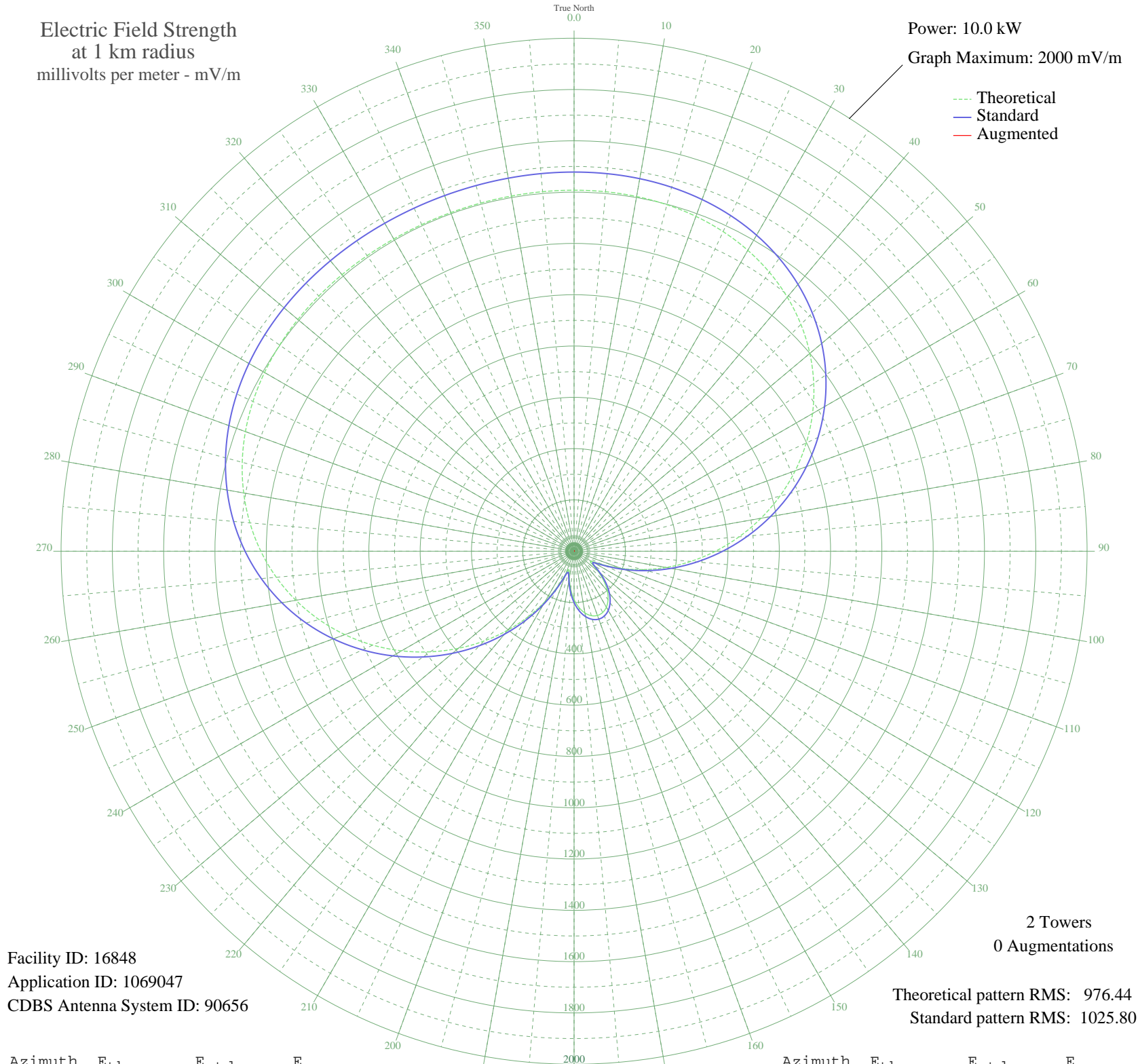
WXLA DIMONDALE, MI BL-20050613AGI 1180 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 16848
Application ID: 1069047
CDBS Antenna System ID: 90656

Theoretical pattern RMS: 976.44
Standard pattern RMS: 1025.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1407.52	1478.27	
5	1406.86	1477.57	
10	1404.23	1474.81	
15	1398.69	1469.00	
20	1389.25	1459.09	
25	1374.90	1444.02	
30	1354.66	1422.78	
35	1327.66	1394.43	
40	1293.16	1358.23	
45	1250.65	1313.60	
50	1199.83	1260.26	
55	1140.69	1198.19	
60	1073.51	1127.67	
65	998.85	1049.31	
70	917.57	964.02	
75	830.76	872.93	
80	739.76	777.45	
85	646.02	679.14	
90	551.15	579.66	
95	456.80	480.79	
100	364.71	384.38	
105	276.73	292.46	
110	195.26	207.70	
115	124.74	135.12	
120	78.74	89.10	
125	83.95	94.19	
130	122.50	132.84	
135	164.64	176.03	
140	201.63	214.30	
145	231.00	244.81	
150	251.83	266.50	
155	263.71	278.88	
160	266.46	281.75	
165	260.05	275.06	
170	244.56	258.92	
175	220.24	233.62	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	187.66	199.82	
185	148.15	159.06	
190	105.66	115.81	
195	75.38	85.83	
200	92.45	102.59	
205	151.13	162.13	
210	226.87	240.52	
215	311.30	328.54	
220	401.16	422.52	
225	494.37	520.15	
230	589.13	619.48	
235	683.74	718.70	
240	776.57	816.08	
245	866.07	909.98	
250	950.81	998.90	
255	1029.56	1081.55	
260	1101.32	1156.86	
265	1165.34	1224.05	
270	1221.16	1282.65	
275	1268.64	1332.49	
280	1307.90	1373.69	
285	1339.32	1406.68	
290	1363.52	1432.08	
295	1381.29	1450.74	
300	1393.56	1463.61	
305	1401.32	1471.76	
310	1405.57	1476.23	
315	1407.31	1478.05	
320	1407.43	1478.17	
325	1406.71	1477.41	
330	1405.77	1476.44	
335	1405.09	1475.72	
340	1404.92	1475.54	
345	1405.31	1475.95	
350	1406.14	1476.82	
355	1407.05	1477.78	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission