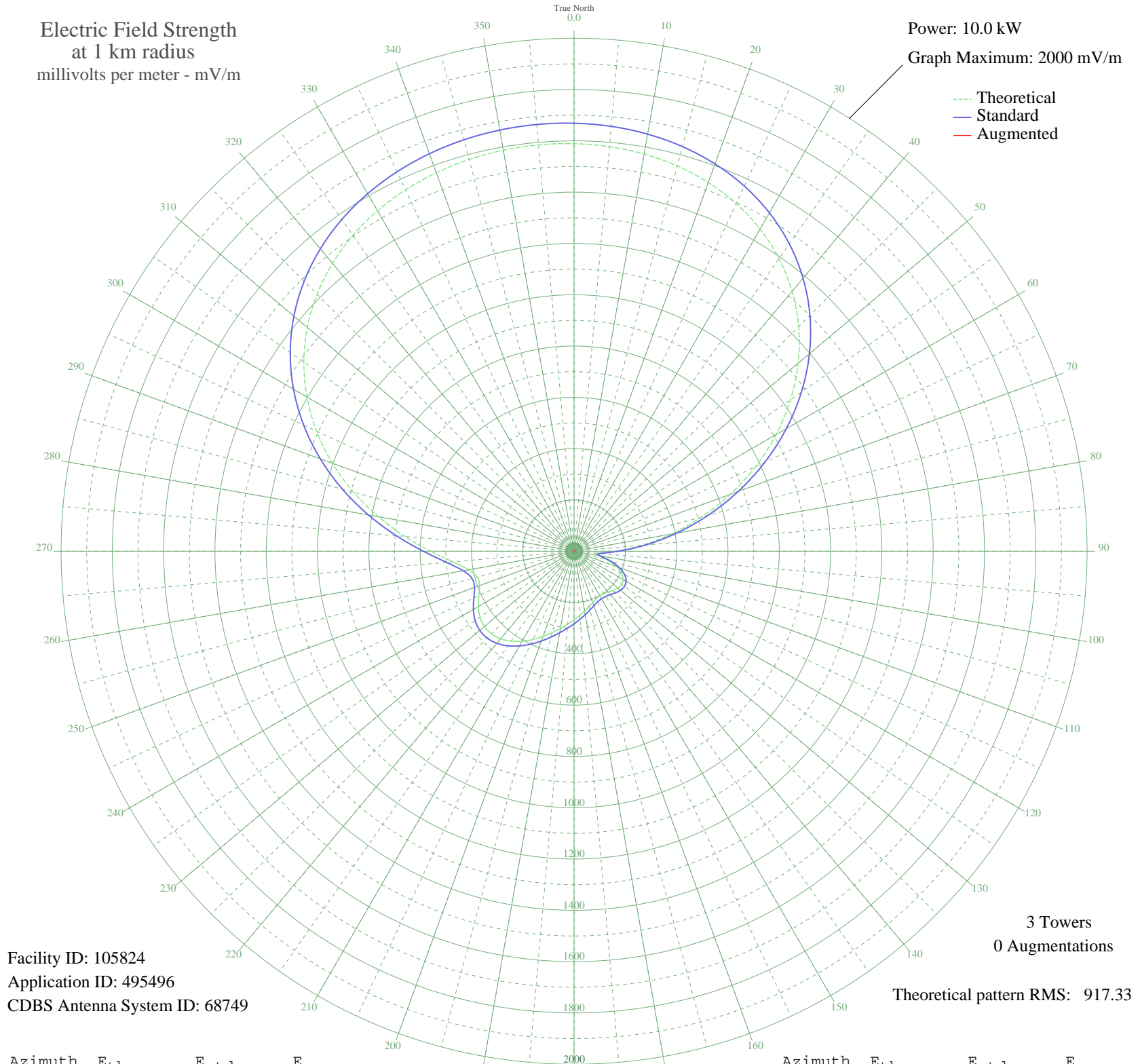


CJOY GUELPH, ON Canada -- 1460 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 105824
Application ID: 495496
CDBS Antenna System ID: 68749

3 Towers
0 Augmentations

Theoretical pattern RMS: 917.33

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1588.85	1668.63	
5	1583.16	1662.65	
10	1572.27	1651.21	
15	1555.00	1633.09	
20	1529.96	1606.80	
25	1495.61	1570.74	
30	1450.41	1523.29	
35	1393.01	1463.03	
40	1322.40	1388.92	
45	1238.11	1300.44	
50	1140.35	1197.83	
55	1030.14	1082.16	
60	909.34	955.39	
65	780.67	820.38	
70	647.60	680.79	
75	514.17	540.90	
80	384.91	405.52	
85	264.92	280.14	
90	161.16	172.45	
95	90.99	101.15	
100	92.46	102.60	
105	135.90	146.50	
110	176.64	188.42	
115	205.19	217.99	
120	221.00	234.41	
125	225.98	239.59	
130	223.13	236.62	
135	215.94	229.15	
140	207.99	220.90	
145	202.39	215.09	
150	201.18	213.83	
155	204.92	217.71	
160	212.93	226.03	
165	224.00	237.53	
170	237.05	251.11	
175	251.54	266.20	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	267.51	282.84	
185	285.38	301.48	
190	305.61	322.61	
195	328.40	346.42	
200	353.37	372.52	
205	379.44	399.79	
210	404.90	426.44	
215	427.55	450.16	
220	445.02	468.45	
225	455.07	478.98	
230	456.04	480.00	
235	447.39	470.93	
240	430.42	453.16	
245	409.32	431.07	
250	392.16	413.10	
255	390.75	411.63	
260	416.61	438.70	
265	474.15	498.97	
270	558.85	587.73	
275	661.93	695.82	
280	774.68	814.09	
285	889.92	935.00	
290	1002.12	1052.75	
295	1107.21	1163.04	
300	1202.42	1262.98	
305	1286.11	1350.82	
310	1357.62	1425.88	
315	1417.08	1488.31	
320	1465.26	1538.88	
325	1503.29	1578.81	
330	1532.55	1609.52	
335	1554.43	1632.49	
340	1570.24	1649.08	
345	1581.02	1660.41	
350	1587.54	1667.25	
355	1590.17	1670.00	

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission