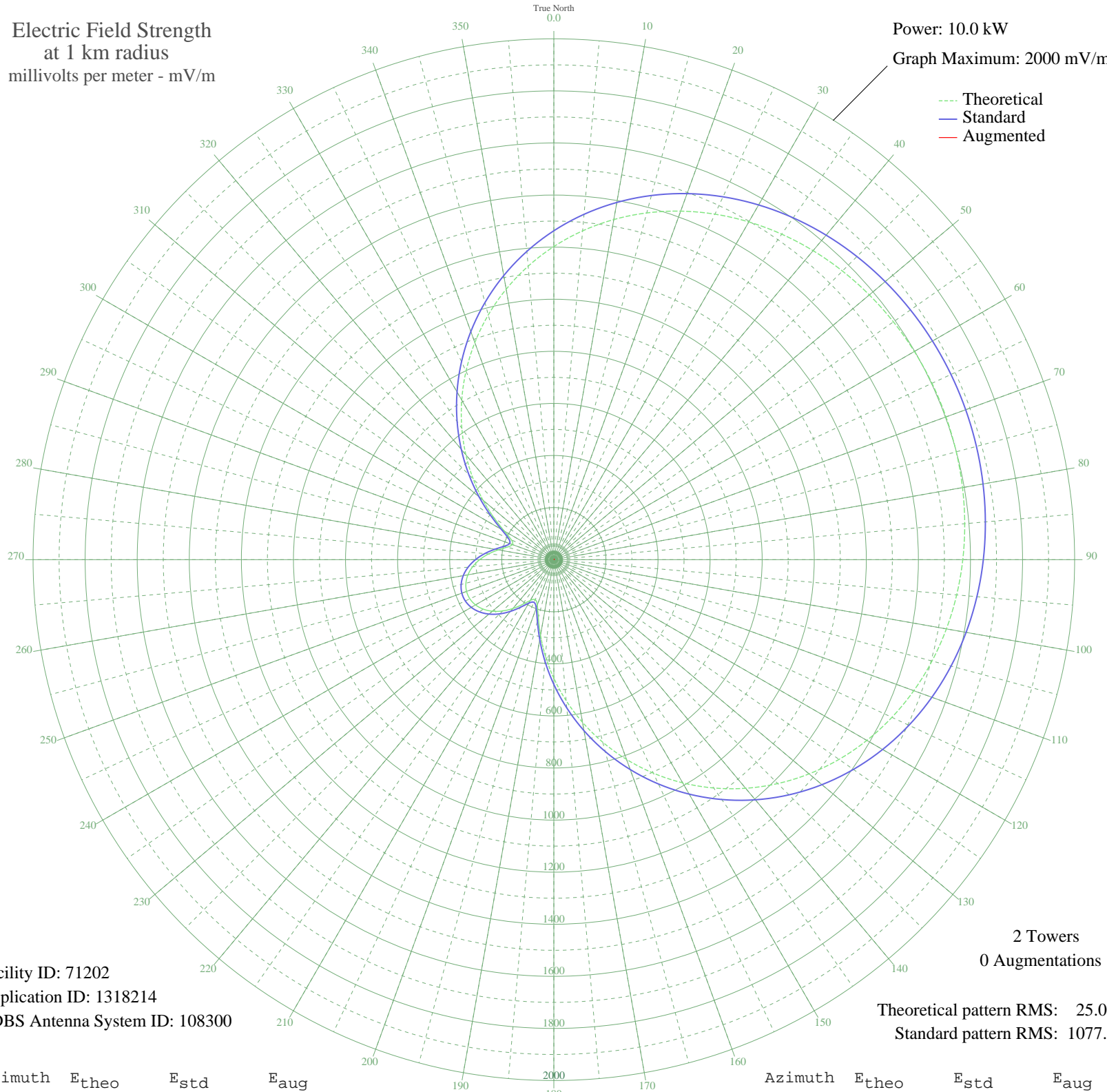


# WQXM BARTOW, FL BP-20090720AAB 1460 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 71202  
Application ID: 1318214  
CDBS Antenna System ID: 108300

Theoretical pattern RMS: 25.00  
Standard pattern RMS: 1077.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1202.38	1262.93	
5	1267.42	1331.21	
10	1326.12	1392.82	
15	1378.36	1447.66	
20	1424.20	1495.78	
25	1463.83	1537.38	
30	1497.56	1572.79	
35	1525.78	1602.41	
40	1548.90	1626.68	
45	1567.37	1646.07	
50	1581.61	1661.02	
55	1592.00	1671.93	
60	1598.85	1679.12	
65	1602.37	1682.81	
70	1602.69	1683.15	
75	1599.81	1680.13	
80	1593.64	1673.65	
85	1583.98	1663.51	
90	1570.54	1649.40	
95	1552.95	1630.94	
100	1530.79	1607.68	
105	1503.64	1579.17	
110	1471.04	1544.95	
115	1432.61	1504.61	
120	1388.03	1457.81	
125	1337.08	1404.33	
130	1279.68	1344.07	
135	1215.88	1277.11	
140	1145.95	1203.70	
145	1070.30	1124.31	
150	989.57	1039.57	
155	904.54	950.34	
160	816.19	857.65	
165	725.68	762.69	
170	634.31	666.85	
175	543.56	571.70	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	455.16	479.07	
185	371.26	391.23	
190	294.80	311.31	
195	230.41	244.20	
200	185.59	197.68	
205	168.97	180.50	
210	180.84	192.77	
215	209.96	222.94	
220	244.77	259.14	
225	278.55	294.36	
230	307.92	325.02	
235	331.15	349.29	
240	347.30	366.17	
245	355.87	375.14	
250	356.65	375.96	
255	349.63	368.61	
260	334.96	353.28	
265	313.10	330.43	
270	284.85	300.93	
275	251.75	266.41	
280	216.75	229.99	
285	185.72	197.81	
290	169.31	180.85	
295	179.80	191.69	
300	219.59	232.95	
305	280.76	296.67	
310	355.25	374.49	
315	437.94	461.04	
320	525.63	552.91	
325	616.06	647.71	
330	707.43	743.54	
335	798.23	838.79	
340	887.10	932.05	
345	972.88	1022.06	
350	1054.54	1107.77	
355	1131.26	1188.29	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission