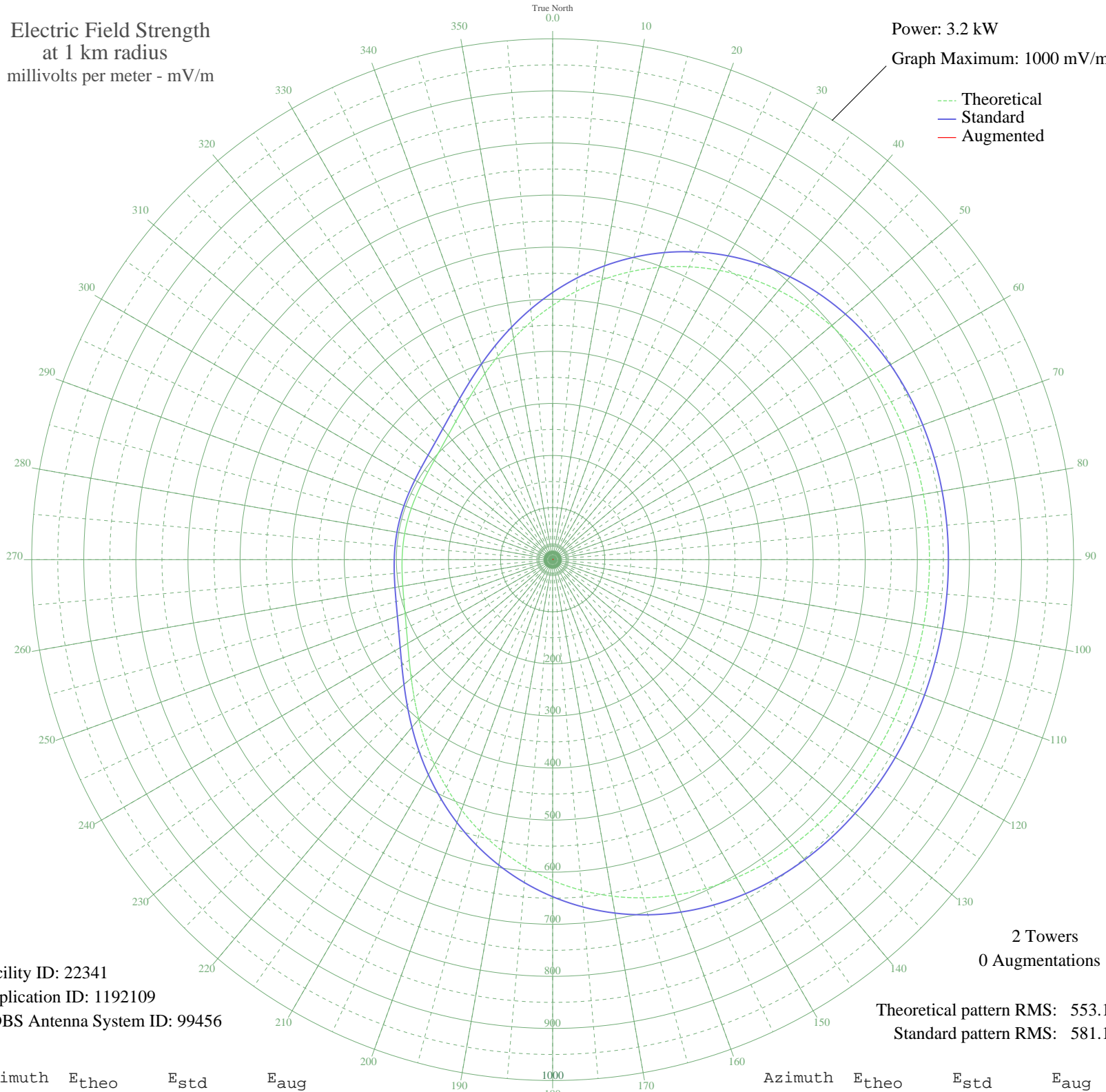


WVKO COLUMBUS, OH BL-20070615ADX 1580 kHz

Daytime

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

Power: 3.2 kW
Graph Maximum: 1000 mV/m



Facility ID: 22341
Application ID: 1192109
CDBS Antenna System ID: 99456

2 Towers
0 Augmentations

Theoretical pattern RMS: 553.19
Standard pattern RMS: 581.15

Azimuth	E _{theo}	E _{std}	E _{aug}
0	488.25	513.00	
5	517.02	543.19	
10	545.16	572.73	
15	572.10	601.00	
20	597.34	627.48	
25	620.47	651.77	
30	641.22	673.54	
35	659.40	692.62	
40	674.94	708.93	
45	687.87	722.51	
50	698.32	733.48	
55	706.48	742.04	
60	712.60	748.46	
65	716.97	753.05	
70	719.90	756.13	
75	721.71	758.03	
80	722.70	759.07	
85	723.15	759.54	
90	723.27	759.67	
95	723.25	759.65	
100	723.22	759.61	
105	723.22	759.62	
110	723.26	759.66	
115	723.26	759.66	
120	723.09	759.48	
125	722.56	758.92	
130	721.43	757.73	
135	719.41	755.62	
140	716.22	752.26	
145	711.52	747.33	
150	705.02	740.51	
155	696.42	731.48	
160	685.49	720.01	
165	672.04	705.89	
170	655.97	689.02	
175	637.27	669.40	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	616.03	647.10	
185	592.45	622.35	
190	566.84	595.47	
195	539.61	566.91	
200	511.29	537.19	
205	482.47	506.95	
210	453.81	476.87	
215	426.01	447.70	
220	399.74	420.15	
225	375.67	394.90	
230	354.35	372.54	
235	336.18	353.48	
240	321.36	337.95	
245	309.87	325.91	
250	301.48	317.11	
255	295.74	311.10	
260	292.13	307.31	
265	290.07	305.15	
270	289.04	304.07	
275	288.60	303.61	
280	288.46	303.46	
285	288.47	303.48	
290	288.65	303.67	
295	289.18	304.22	
300	290.38	305.48	
305	292.71	307.92	
310	296.70	312.10	
315	302.93	318.63	
320	311.91	328.05	
325	324.05	340.77	
330	339.55	357.02	
335	358.37	376.76	
340	380.28	399.74	
345	404.84	425.50	
350	431.47	453.43	
355	459.50	482.84	

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.

15 Feb 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission