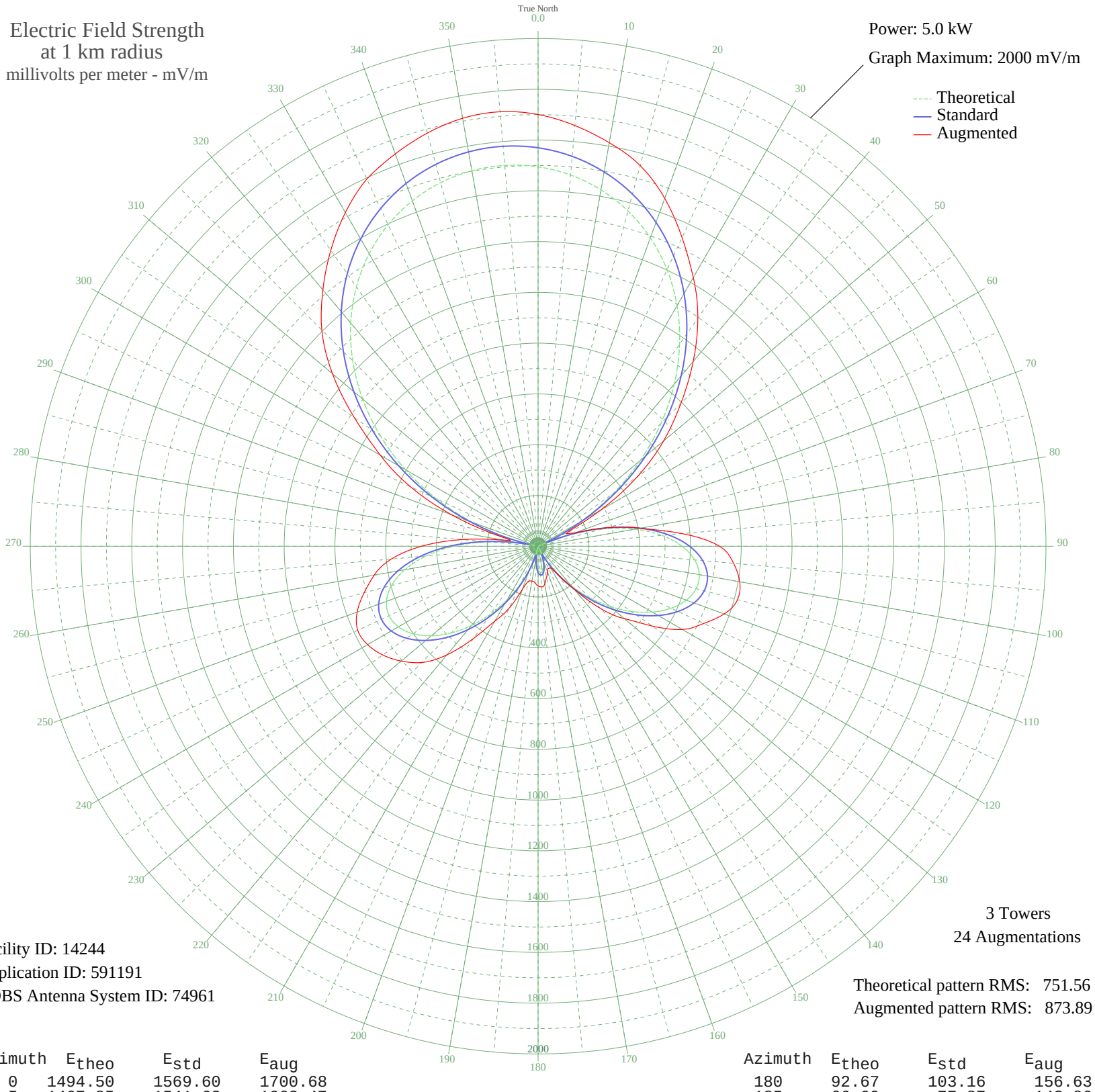
WHIO DAYTON, OH BL-20011217ABZ 1290 kHz

Nighttime



Facility ID: 14244
Application ID: 591191
CDBS Antenna System ID: 74961

3 Towers
24 Augmentations

Theoretical pattern RMS: 751.56
Augmented pattern RMS: 873.89

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1494.50	1569.60	1700.68
5	1467.85	1541.62	1663.47
10	1425.55	1497.22	1614.05
15	1367.26	1436.03	1552.54
20	1292.66	1357.72	1458.33
25	1201.61	1262.15	1341.58
30	1094.30	1149.53	1222.60
35	971.41	1020.56	1096.80
40	834.24	876.63	950.47
45	684.83	719.89	795.33
50	526.01	553.37	645.59
55	361.38	380.99	476.97
60	195.23	207.83	283.99
65	32.38	48.27	124.69
70	122.34	132.95	156.01
75	263.75	279.05	282.56
80	387.41	408.23	409.03
85	489.51	515.12	569.60
90	567.22	596.57	714.55
95	618.94	650.79	772.99
100	644.35	677.43	806.40
105	644.42	677.51	813.10
110	621.30	653.27	780.03
115	578.11	607.99	719.92
120	518.69	545.70	655.91
125	447.30	470.92	547.87
130	368.38	388.32	443.68
135	286.27	302.53	346.14
140	205.00	217.96	220.96
145	128.19	138.89	133.69
150	58.95	70.74	98.90
155	2.12	34.33	95.90
160	47.40	60.43	107.73
165	80.93	91.62	127.31
170	99.94	110.39	151.16
175	103.89	114.34	160.77

Azimuth	E_{theo}	E_{std}	E_{aug}
180	92.67	103.16	156.63
185	66.60	77.87	143.86
190	26.45	44.10	139.43
195	26.82	44.35	142.40
200	91.06	101.57	181.09
205	164.29	175.88	268.90
210	243.66	258.13	340.62
215	325.82	343.82	443.79
220	406.93	428.65	559.00
225	482.78	508.08	648.04
230	548.98	577.44	703.91
235	601.12	632.11	746.96
240	635.12	667.75	775.21
245	647.44	680.67	783.76
250	635.40	668.05	758.37
255	597.41	628.21	709.45
260	533.09	560.79	655.39
265	443.40	466.83	580.36
270	330.53	348.75	459.12
275	197.82	210.52	300.27
280	49.49	62.25	137.15
285	109.80	120.28	168.34
290	274.87	290.64	363.34
295	440.87	464.18	555.06
300	603.21	634.29	717.94
305	757.92	796.55	883.68
310	901.76	947.46	1057.13
315	1032.28	1084.44	1204.59
320	1147.81	1205.69	1318.48
325	1247.36	1310.18	1423.21
330	1330.51	1397.46	1517.90
335	1397.26	1467.52	1596.04
340	1447.83	1520.61	1644.58
345	1482.58	1557.08	1684.93
350	1501.82	1577.29	1711.75
355	1505.78	1581.44	1718.01

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