

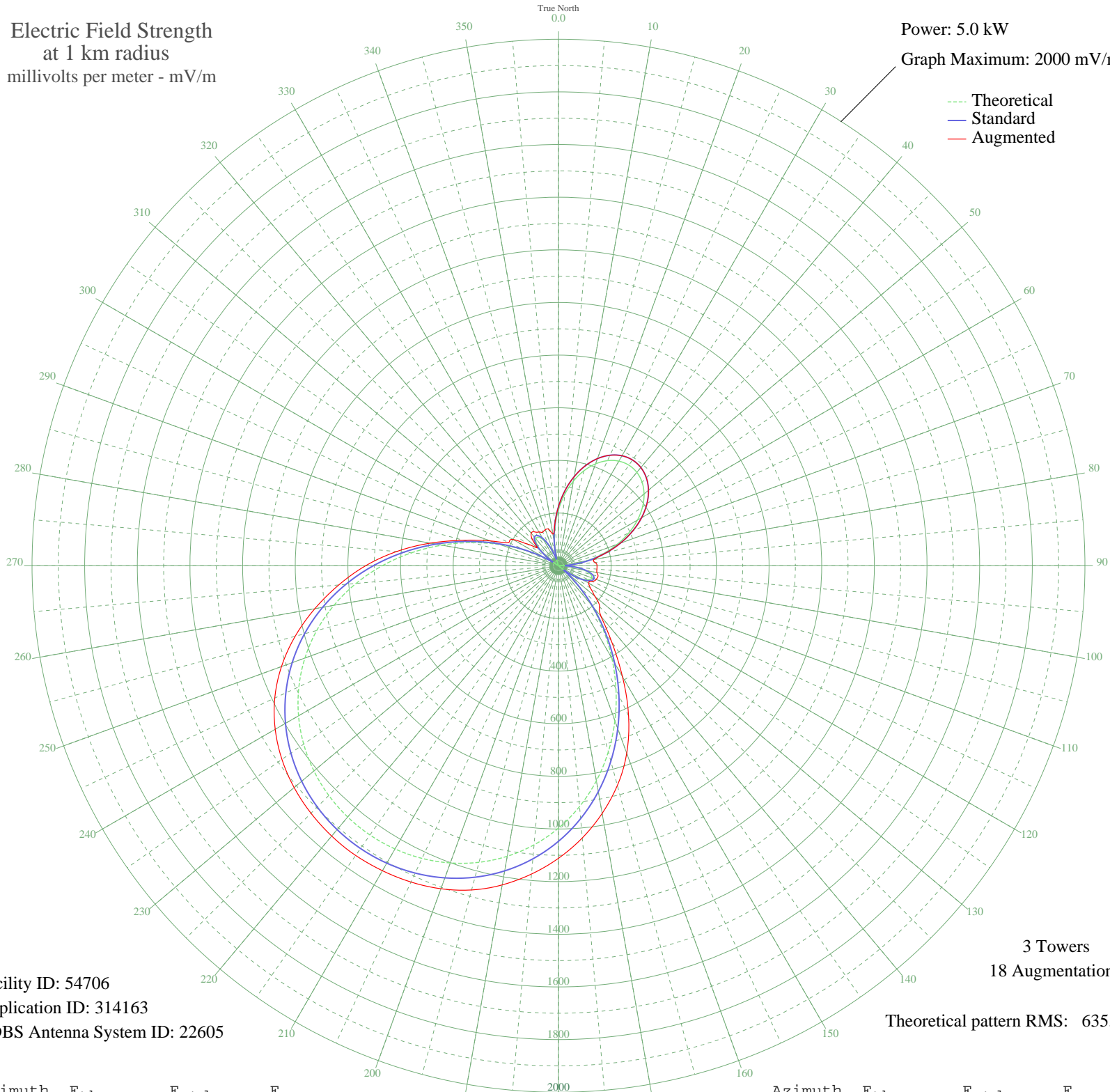
WBRI INDIANAPOLIS, IN BL-- 1500 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 54706
Application ID: 314163
CDBS Antenna System ID: 22605

3 Towers
18 Augmentations

Theoretical pattern RMS: 635.69

Azimuth	E _{theo}	E _{std}	E _{aug}
0	212.42	224.42	224.42
5	272.19	286.88	286.88
10	326.46	343.68	343.68
15	373.44	392.89	392.89
20	411.75	433.05	433.05
25	440.41	463.10	463.10
30	458.75	482.33	482.33
35	466.36	490.31	490.31
40	463.09	486.88	486.88
45	449.01	472.12	472.12
50	424.42	446.33	446.33
55	389.86	410.11	410.11
60	346.21	364.37	364.37
65	294.67	310.40	310.40
70	236.86	249.94	249.94
75	174.82	185.24	185.24
80	111.05	119.22	136.79
85	48.42	56.59	139.76
90	9.88	26.92	146.40
95	60.51	68.22	146.55
100	100.16	108.07	147.97
105	125.80	134.41	155.60
110	134.89	143.80	152.06
115	125.62	134.22	140.18
120	97.10	104.94	133.06
125	49.45	57.56	148.34
130	16.17	30.09	180.32
135	97.64	105.49	220.82
140	192.05	203.18	251.62
145	295.90	311.69	352.15
150	405.43	426.43	485.96
155	516.86	543.27	630.27
160	626.65	658.45	758.06
165	731.70	768.69	864.22
170	829.53	871.36	955.41
175	918.28	964.51	1037.97

Azimuth	E _{theo}	E _{std}	E _{aug}
180	996.73	1046.87	1111.34
185	1064.28	1117.77	1175.65
190	1120.77	1177.07	1231.16
195	1166.38	1224.95	1275.12
200	1201.52	1261.84	1305.83
205	1226.67	1288.25	1325.80
210	1242.27	1304.62	1337.71
215	1248.64	1311.30	1343.50
220	1245.91	1308.44	1340.44
225	1234.04	1295.98	1329.67
230	1212.75	1273.63	1310.95
235	1181.67	1241.00	1282.57
240	1140.30	1197.57	1242.65
245	1088.20	1142.88	1189.25
250	1025.08	1076.62	1119.87
255	950.94	998.80	1035.67
260	866.20	909.85	940.03
265	771.82	810.79	837.95
270	669.39	703.30	732.69
275	561.16	589.74	617.56
280	449.98	473.14	494.32
285	339.25	357.08	374.40
290	232.66	245.56	275.53
295	134.04	142.92	208.32
300	47.01	55.26	199.35
305	25.26	36.34	142.77
310	80.29	87.89	105.91
315	116.54	124.86	139.34
320	133.46	142.32	161.35
325	131.54	140.34	156.75
330	112.26	120.46	148.15
335	77.86	85.45	141.12
340	31.24	41.15	145.73
345	24.40	35.69	143.00
350	85.69	93.34	121.66
355	149.37	158.79	158.79

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.

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Federal Communications Commission