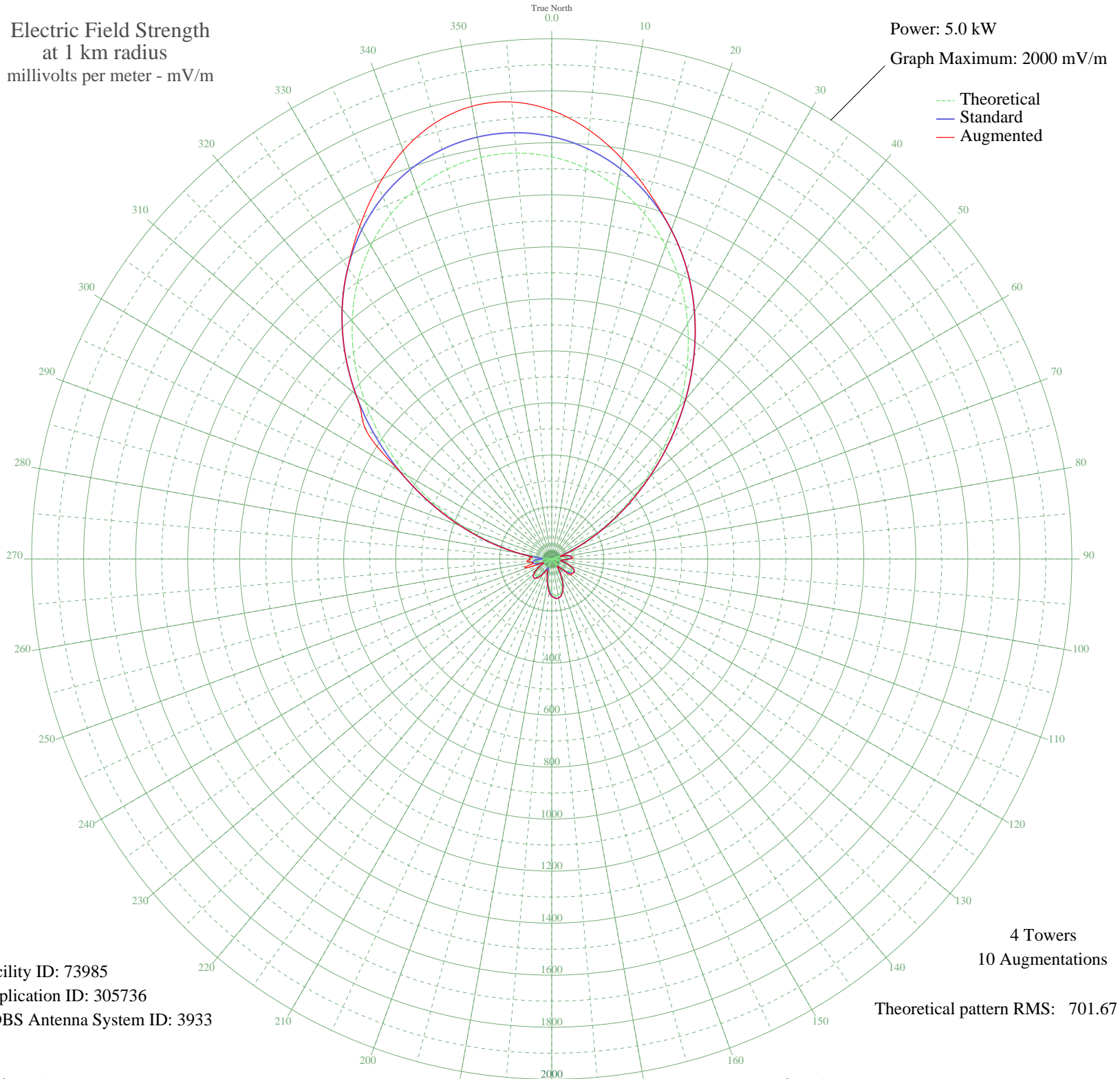


# WSBT SOUTH BEND, IN BL-- 960 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 73985  
Application ID: 305736  
CDBS Antenna System ID: 3933

4 Towers  
10 Augmentations  
Theoretical pattern RMS: 701.67

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1546.20	1623.87	1724.75
5	1507.53	1583.27	1654.73
10	1450.32	1523.22	1561.40
15	1374.66	1443.80	1454.81
20	1281.03	1345.52	1345.52
25	1170.49	1229.50	1229.50
30	1044.95	1097.73	1097.73
35	907.31	953.29	953.29
40	761.55	800.36	800.36
45	612.66	644.21	644.21
50	466.43	490.95	490.95
55	328.97	347.12	347.12
60	206.25	219.26	219.26
65	103.41	113.88	116.56
70	24.21	42.70	49.41
75	29.53	46.24	46.24
80	58.11	70.00	70.00
85	64.01	75.46	78.90
90	51.57	64.10	71.52
95	26.41	44.11	44.11
100	5.21	34.74	34.74
105	37.18	51.97	51.97
110	64.24	75.67	75.67
115	82.42	93.10	93.10
120	89.39	99.93	99.93
125	84.44	95.06	95.06
130	68.37	79.56	96.56
135	43.16	56.84	56.84
140	11.60	36.41	36.41
145	23.09	42.01	42.01
150	57.67	69.60	69.60
155	89.09	99.64	99.64
160	114.77	125.29	125.29
165	132.67	143.47	143.47
170	141.46	152.44	152.44
175	140.47	151.43	151.43

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	129.79	140.53	142.86
185	110.20	120.69	125.87
190	83.19	93.85	95.19
195	50.92	63.52	68.04
200	16.06	38.23	47.82
205	18.27	39.31	48.40
210	48.80	61.67	65.81
215	72.39	83.39	84.54
220	86.36	96.95	96.98
225	88.95	99.50	99.50
230	79.63	90.38	90.38
235	59.43	71.21	71.21
240	31.03	47.31	47.31
245	1.33	34.33	34.33
250	32.16	48.14	89.84
255	55.27	67.41	87.07
260	64.46	75.88	75.88
265	54.32	66.56	96.56
270	20.84	40.69	84.83
275	38.04	52.65	74.56
280	122.19	132.80	132.80
285	229.35	243.25	243.25
290	355.46	374.81	374.81
295	495.17	521.06	521.06
300	642.42	675.41	676.85
305	791.12	831.39	876.57
310	935.63	983.01	983.01
315	1071.13	1125.21	1125.21
320	1193.88	1254.04	1254.04
325	1301.15	1366.64	1367.12
330	1391.25	1461.22	1476.67
335	1463.24	1536.78	1581.47
340	1516.74	1592.95	1670.88
345	1551.72	1629.66	1735.22
350	1568.25	1647.02	1767.37
355	1566.42	1645.09	1763.74