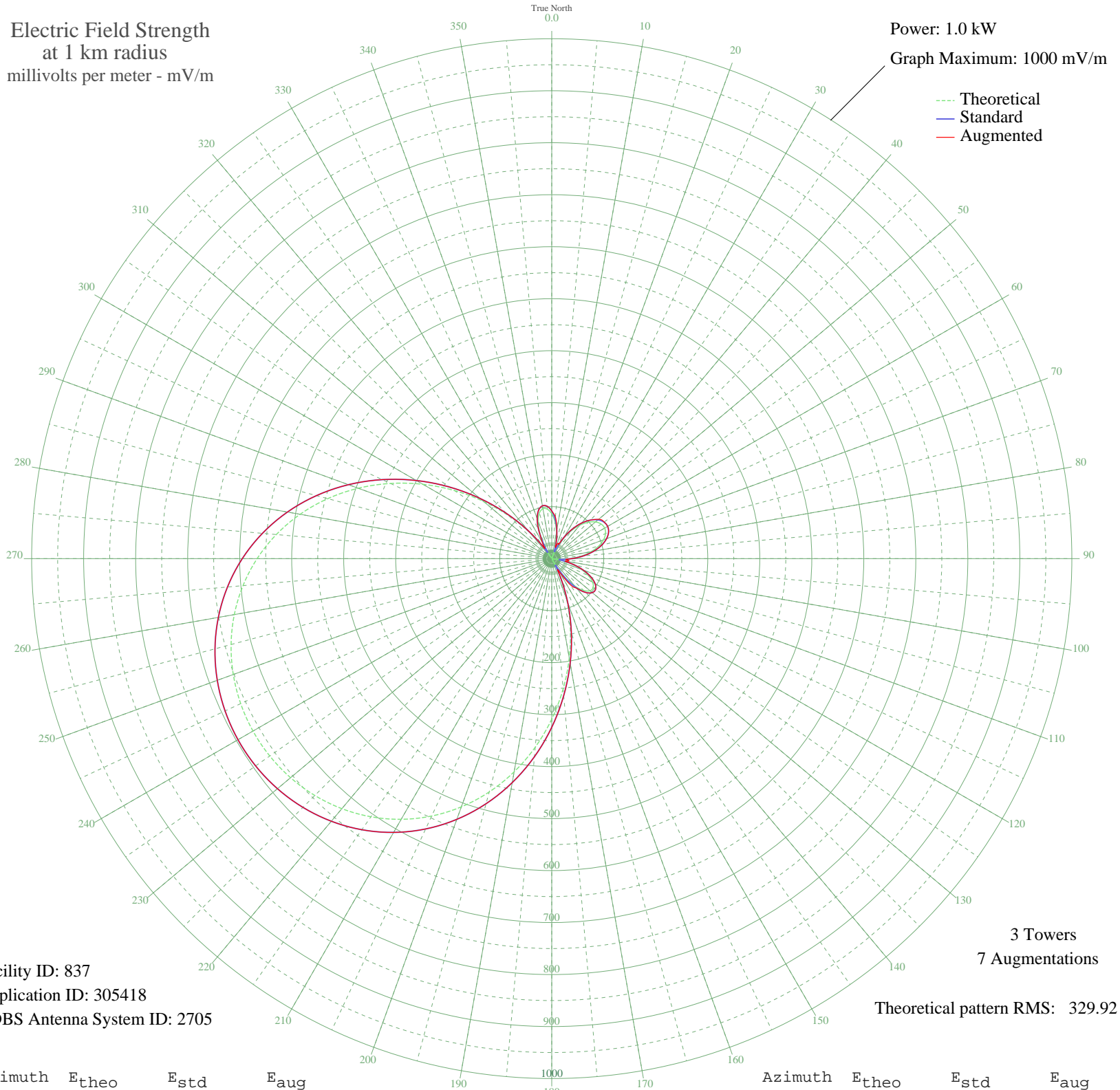


KWIL ALBANY, OR BL-- 790 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 837
Application ID: 305418
CDBS Antenna System ID: 2705

Theoretical pattern RMS: 329.92

Azimuth	E _{theo}	E _{std}	E _{aug}
0	86.31	91.66	91.66
5	71.30	76.10	80.47
10	51.72	56.01	56.01
15	29.04	33.42	33.42
20	4.69	14.54	27.34
25	19.95	25.02	30.15
30	43.63	47.81	47.81
35	65.26	69.88	69.88
40	83.95	89.20	89.20
45	98.96	104.80	104.80
50	109.76	116.06	117.83
55	115.99	122.55	122.99
60	117.44	124.06	124.06
65	114.06	120.54	120.54
70	105.97	112.11	112.11
75	93.43	99.05	99.05
80	76.88	81.87	81.87
85	56.92	61.31	61.31
90	34.35	38.57	38.57
95	10.15	17.34	30.43
100	14.53	20.49	27.39
105	38.39	42.57	42.57
110	60.01	64.48	64.48
115	77.93	82.96	82.96
120	90.73	96.25	96.25
125	97.11	102.88	102.88
130	95.97	101.70	101.70
135	86.54	91.89	91.89
140	68.41	73.12	74.07
145	41.59	45.76	58.99
150	6.54	15.31	29.97
155	35.88	40.08	40.08
160	84.45	89.72	89.72
165	137.68	145.21	145.21
170	193.91	204.07	204.07
175	251.46	264.39	264.39

Azimuth	E _{theo}	E _{std}	E _{aug}
180	308.67	324.40	324.40
185	364.07	382.52	382.52
190	416.39	437.42	437.42
195	464.63	488.05	488.05
200	508.07	533.65	533.65
205	546.24	573.72	573.72
210	578.94	608.04	608.04
215	606.09	636.55	636.55
220	627.80	659.34	659.34
225	644.22	676.57	676.57
230	655.51	688.42	688.42
235	661.84	695.06	695.06
240	663.29	696.59	696.59
245	659.90	693.03	693.03
250	651.60	684.32	684.32
255	638.28	670.33	670.33
260	619.76	650.90	650.90
265	595.89	625.84	625.84
270	566.52	595.01	595.01
275	531.62	558.37	558.37
280	491.30	516.05	516.05
285	445.87	468.37	468.37
290	395.90	415.92	415.92
295	342.22	359.59	359.59
300	285.93	300.53	300.53
305	228.39	240.20	240.20
310	171.17	180.25	180.25
315	115.93	122.49	122.49
320	64.37	68.96	68.96
325	18.10	23.42	24.87
330	21.50	26.40	36.89
335	53.34	57.66	57.66
340	76.72	81.71	81.71
345	91.35	96.88	96.88
350	97.39	103.17	103.17
355	95.41	101.11	101.11

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission