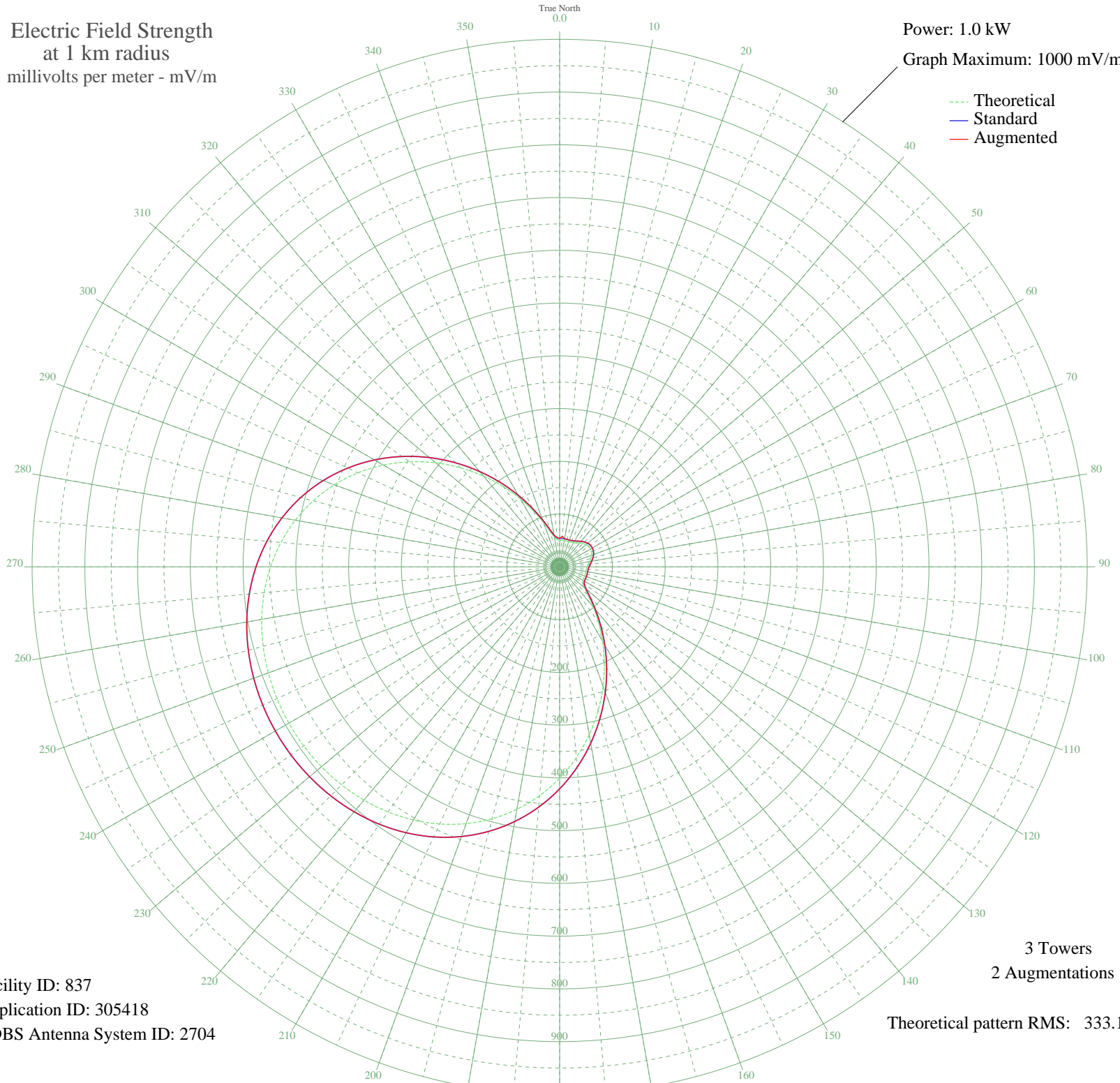


# KWIL ALBANY, OR BL-- 790 kHz

Daytime

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: 2704

3 Towers  
2 Augmentations  
Theoretical pattern RMS: 333.13

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	50.39	53.94	53.94
5	50.39	53.94	57.94
10	50.47	54.02	54.02
15	50.35	53.90	53.90
20	50.41	53.96	53.96
25	51.20	54.78	54.78
30	53.06	56.69	56.69
35	55.90	59.63	59.63
40	59.28	63.13	63.13
45	62.61	66.58	66.58
50	65.33	69.40	70.01
55	67.02	71.15	71.30
60	67.42	71.57	71.57
65	66.49	70.60	70.60
70	64.35	68.38	68.38
75	61.33	65.24	65.24
80	57.90	61.70	61.70
85	54.67	58.36	58.36
90	52.18	55.79	55.79
95	50.77	54.33	54.33
100	50.33	53.88	53.88
105	50.41	53.96	53.96
110	50.47	54.02	54.02
115	50.33	53.88	53.88
120	50.69	54.25	54.25
125	53.51	57.16	57.16
130	61.61	65.54	65.54
135	76.95	81.48	81.48
140	99.65	105.15	105.15
145	128.68	135.53	135.53
150	162.76	171.22	171.22
155	200.54	210.83	210.83
160	240.70	252.96	252.96
165	281.95	296.24	296.24
170	323.06	339.38	339.38
175	362.93	381.22	381.22

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	400.61	420.77	420.77
185	435.37	457.26	457.26
190	466.68	490.12	490.12
195	494.23	519.05	519.05
200	517.93	543.93	543.93
205	537.84	564.83	564.83
210	554.14	581.94	581.94
215	567.13	595.58	595.58
220	577.11	606.06	606.06
225	584.40	613.71	613.71
230	589.29	618.84	618.84
235	591.97	621.66	621.66
240	592.58	622.30	622.30
245	591.15	620.80	620.80
250	587.61	617.08	617.08
255	581.79	610.97	610.97
260	573.46	602.22	602.22
265	562.31	590.52	590.52
270	548.04	575.53	575.53
275	530.32	556.93	556.93
280	508.91	534.46	534.46
285	483.67	507.96	507.96
290	454.59	477.44	477.44
295	421.85	443.07	443.07
300	385.85	405.28	405.28
305	347.20	364.71	364.71
310	306.71	322.21	322.21
315	265.40	278.87	278.87
320	224.44	235.89	235.89
325	185.07	194.61	194.61
330	148.61	156.39	156.39
335	116.39	122.66	122.66
340	89.74	94.81	94.81
345	69.90	74.15	74.15
350	57.57	61.35	61.35
355	51.91	55.51	55.51