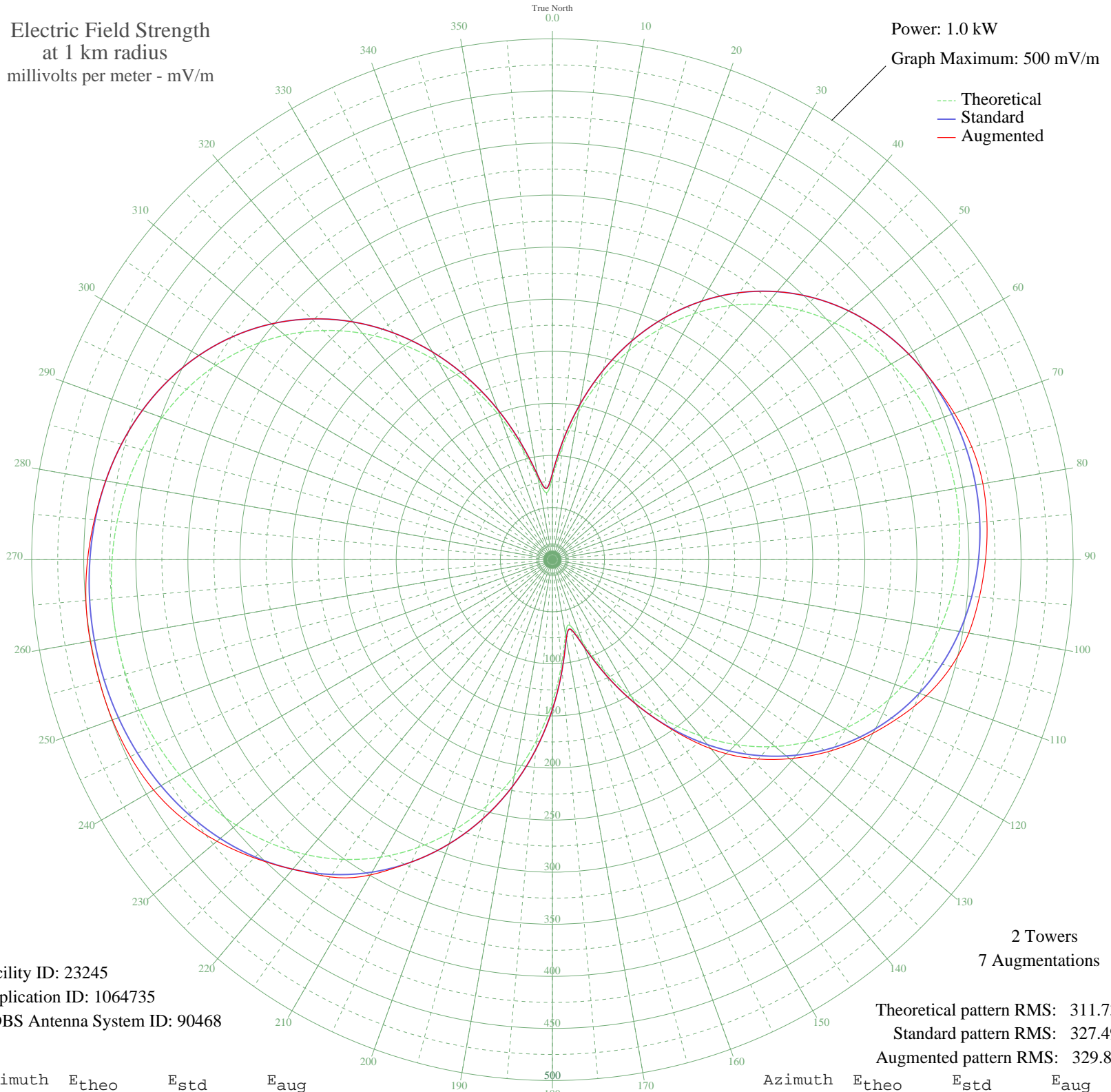


# KAGO KLAMATH FALLS, OR BL-20030827ARG 1150 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 23245  
Application ID: 1064735  
CDBS Antenna System ID: 90468

Theoretical pattern RMS: 311.73  
Standard pattern RMS: 327.49  
Augmented pattern RMS: 329.88

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	78.04	82.61	82.61
5	108.18	114.07	114.07
10	143.35	150.88	150.88
15	178.87	188.11	188.11
20	212.83	223.72	223.72
25	244.28	256.70	256.70
30	272.70	286.52	286.52
35	297.85	312.92	312.92
40	319.67	335.82	335.82
45	338.22	355.28	355.28
50	353.65	371.48	371.48
55	366.17	384.62	384.62
60	376.01	394.95	394.95
65	383.42	402.73	403.05
70	388.61	408.17	410.80
75	391.74	411.46	417.03
80	392.92	412.70	419.75
85	392.20	411.94	418.86
90	389.54	409.15	415.91
95	384.86	404.24	411.58
100	378.00	397.04	405.98
105	368.76	387.34	396.50
110	356.91	374.90	382.14
115	342.20	359.46	363.61
120	324.42	340.80	343.64
125	303.39	318.73	321.87
130	279.04	293.18	297.28
135	251.39	264.16	269.78
140	220.63	231.90	237.02
145	187.21	196.85	198.08
150	151.94	159.88	159.88
155	116.42	122.69	122.69
160	84.35	89.19	89.19
165	65.34	69.41	69.41
170	72.71	77.07	77.07
175	100.87	106.43	106.43

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	136.65	143.87	143.87
185	174.02	183.02	183.02
190	210.51	221.29	221.29
195	244.90	257.36	257.36
200	276.48	290.49	290.49
205	304.83	320.24	320.24
210	329.75	346.39	349.49
215	351.22	368.93	371.84
220	369.33	387.94	387.94
225	384.30	403.66	404.88
230	396.40	416.35	420.50
235	405.93	426.36	433.36
240	413.21	434.00	442.18
245	418.55	439.60	447.18
250	422.20	443.43	449.61
255	424.36	445.71	450.44
260	425.17	446.55	450.62
265	424.68	446.04	449.62
270	422.85	444.12	446.35
275	419.57	440.68	441.43
280	414.66	435.52	435.53
285	407.87	428.39	428.39
290	398.91	418.99	418.99
295	387.46	406.97	406.97
300	373.20	392.01	392.01
305	355.86	373.80	373.80
310	335.21	352.13	352.13
315	311.12	326.85	326.85
320	283.59	297.95	297.95
325	252.76	265.60	265.60
330	218.99	230.18	230.18
335	182.91	192.35	192.35
340	145.60	153.24	153.24
345	109.09	115.03	115.03
350	78.18	82.76	82.76
355	64.47	68.50	68.50

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