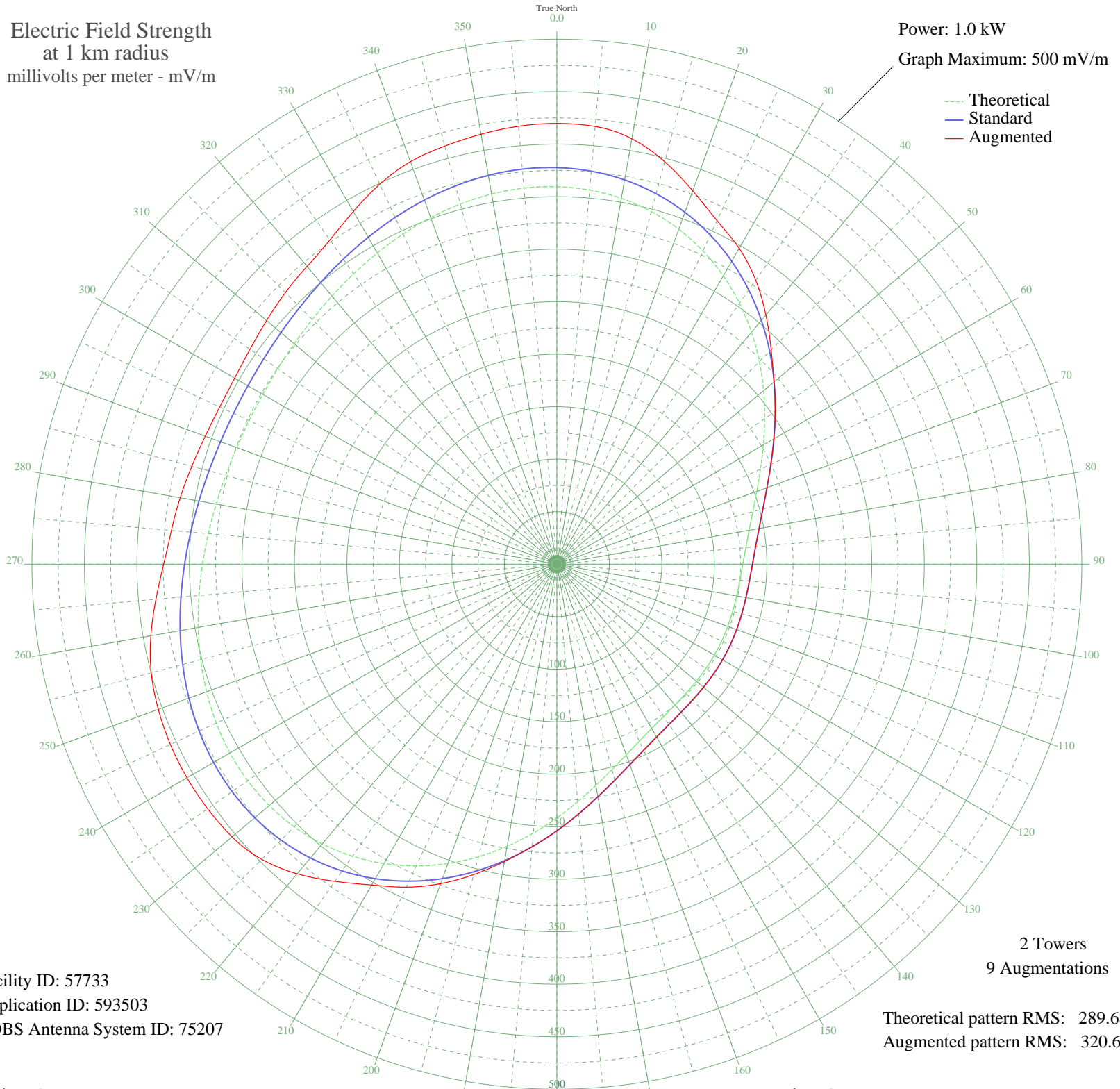


# KGAY ASHLAND, OR BML-20020124ADF 580 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 57733  
Application ID: 593503  
CDBS Antenna System ID: 75207

2 Towers  
9 Augmentations

Theoretical pattern RMS: 289.68  
Augmented pattern RMS: 320.64

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	359.49	377.61	419.73
5	357.63	375.66	418.43
10	353.73	371.57	411.36
15	347.68	365.22	396.79
20	339.47	356.60	378.35
25	329.19	345.81	360.97
30	317.04	333.06	347.30
35	303.32	318.66	330.20
40	288.42	303.02	309.76
45	272.81	286.65	288.68
50	257.02	270.08	270.08
55	241.60	253.90	253.90
60	227.07	238.66	238.66
65	213.94	224.88	224.88
70	202.57	212.95	212.95
75	193.22	203.15	203.15
80	185.95	195.53	195.53
85	180.68	190.01	190.01
90	177.15	186.30	186.30
95	175.01	184.06	184.06
100	173.87	182.86	182.86
105	173.37	182.34	182.34
110	173.22	182.18	182.18
115	173.20	182.16	182.16
120	173.20	182.16	182.16
125	173.22	182.18	182.18
130	173.37	182.34	182.34
135	173.87	182.86	182.86
140	175.01	184.06	184.06
145	177.15	186.30	186.30
150	180.68	190.01	190.01
155	185.95	195.53	195.53
160	193.22	203.15	203.15
165	202.57	212.95	212.95
170	213.94	224.88	224.88
175	227.07	238.66	238.66

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	241.60	253.90	253.90
185	257.02	270.08	270.08
190	272.81	286.65	287.53
195	288.42	303.02	305.97
200	303.32	318.66	323.74
205	317.04	333.06	339.34
210	329.19	345.81	352.81
215	339.47	356.60	368.70
220	347.68	365.22	384.87
225	353.73	371.57	397.55
230	357.63	375.66	403.95
235	359.49	377.61	406.07
240	359.50	377.62	406.86
245	357.92	375.97	406.21
250	355.06	372.97	404.01
255	351.26	368.97	399.99
260	346.85	364.34	392.69
265	342.18	359.44	383.37
270	337.55	354.59	374.53
275	333.26	350.08	368.54
280	329.54	346.17	364.30
285	326.57	343.06	360.00
290	324.52	340.91	356.40
295	323.47	339.80	354.33
300	323.47	339.80	354.38
305	324.52	340.91	356.82
310	326.57	343.06	360.97
315	329.54	346.17	365.74
320	333.26	350.08	370.15
325	337.55	354.59	376.95
330	342.18	359.44	387.78
335	346.85	364.34	399.25
340	351.26	368.97	407.88
345	355.06	372.97	412.21
350	357.92	375.97	415.79
355	359.50	377.62	418.60