

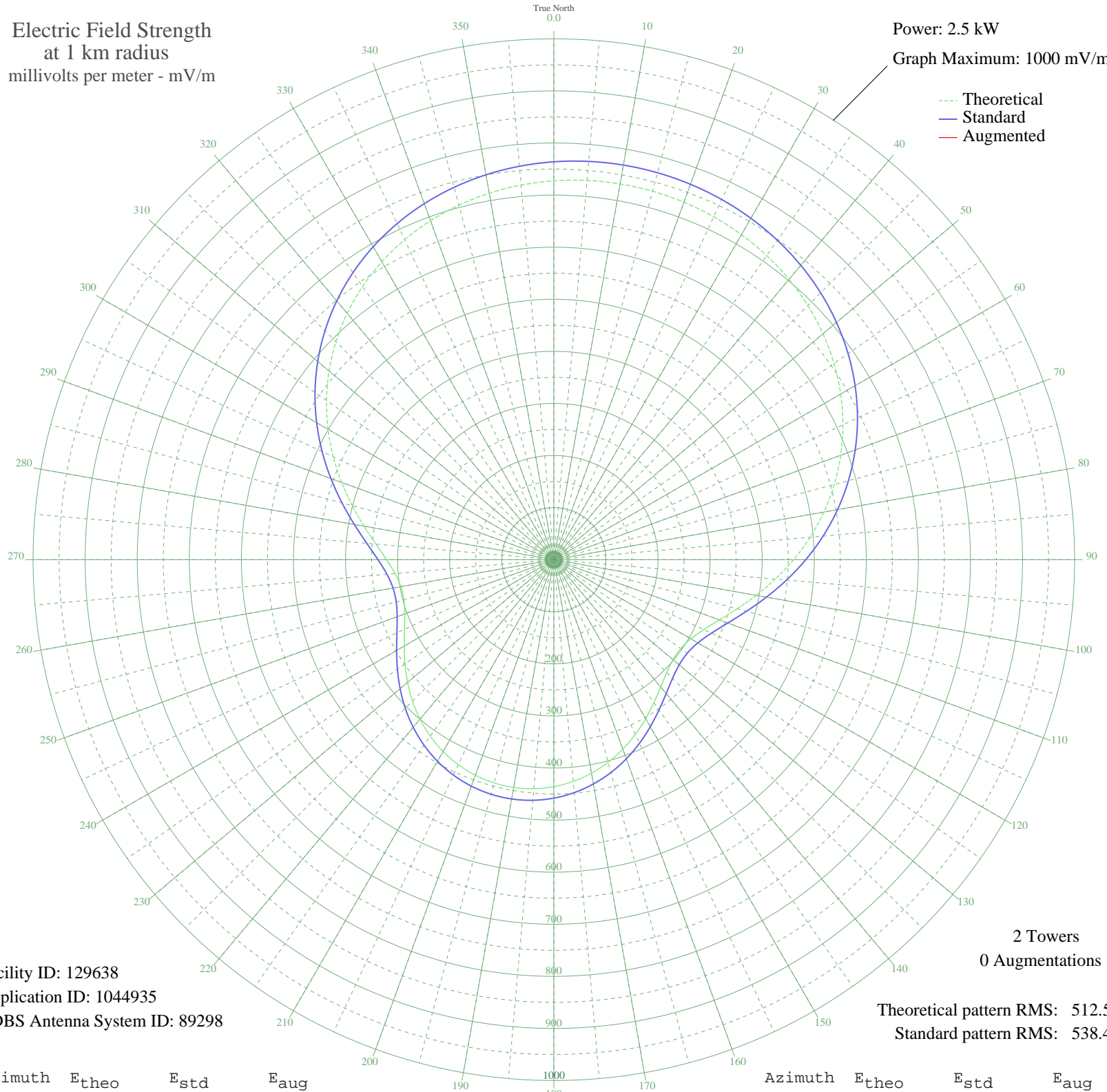
KPTO POCATELLO, ID BL-20050118ALT 1440 kHz

Daytime

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

Power: 2.5 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 129638
Application ID: 1044935
CDBS Antenna System ID: 89298

2 Towers
0 Augmentations

Theoretical pattern RMS: 512.52
Standard pattern RMS: 538.40

Azimuth	E _{theo}	E _{std}	E _{aug}
0	727.34	763.88	
5	730.83	767.55	
10	732.46	769.26	
15	732.28	769.07	
20	730.28	766.97	
25	726.41	762.91	
30	720.57	756.78	
35	712.63	748.45	
40	702.44	737.75	
45	689.82	724.50	
50	674.62	708.54	
55	656.70	689.74	
60	635.99	668.00	
65	612.48	643.32	
70	586.25	615.78	
75	557.50	585.61	
80	526.59	553.16	
85	494.01	518.98	
90	460.49	483.80	
95	426.91	448.56	
100	394.41	414.46	
105	364.34	382.92	
110	338.23	355.53	
115	317.62	333.91	
120	303.83	319.45	
125	297.60	312.93	
130	298.82	314.20	
135	306.51	322.26	
140	319.13	335.49	
145	334.96	352.09	
150	352.41	370.40	
155	370.16	389.02	
160	387.18	406.88	
165	402.72	423.19	
170	416.23	437.36	
175	427.33	449.00	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	435.76	457.85	
185	441.36	463.73	
190	444.03	466.53	
195	443.74	466.22	
200	440.47	462.79	
205	434.30	456.32	
210	425.32	446.89	
215	413.71	434.72	
220	399.76	420.08	
225	383.88	403.41	
230	366.64	385.33	
235	348.85	366.67	
240	331.61	348.59	
245	316.29	332.52	
250	304.53	320.18	
255	298.02	313.36	
260	298.24	313.59	
265	305.99	321.72	
270	321.23	337.70	
275	343.06	360.59	
280	370.09	388.95	
285	400.76	421.13	
290	433.58	455.56	
295	467.23	490.87	
300	500.63	525.92	
305	532.92	559.81	
310	563.44	591.84	
315	591.70	621.51	
320	617.40	648.49	
325	640.36	672.58	
330	660.51	693.73	
335	677.87	711.96	
340	692.55	727.36	
345	704.67	740.09	
350	714.40	750.30	
355	721.90	758.18	

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.

17 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission