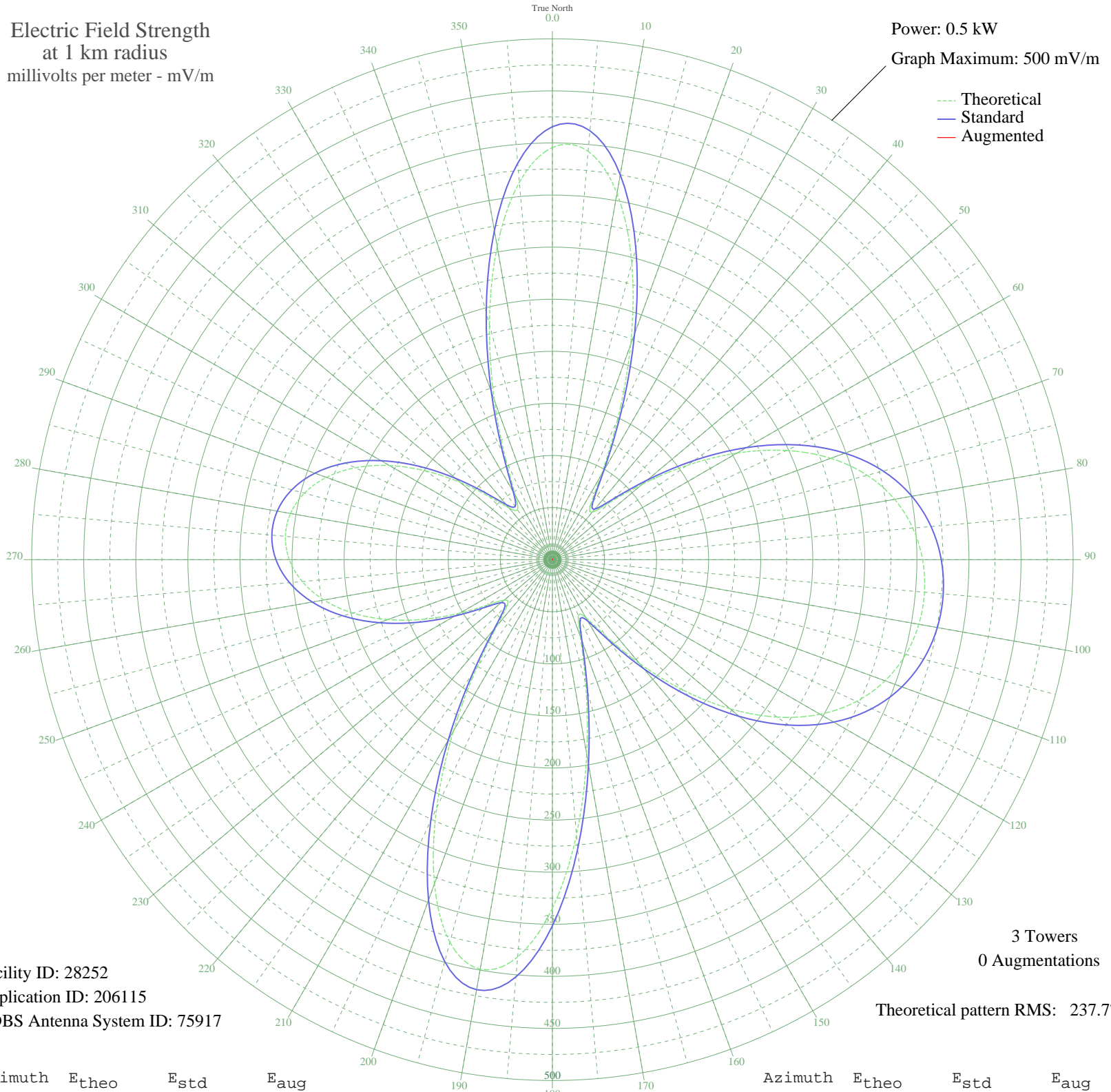


KBSU BOISE, ID BL-19950202AA 730 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 28252
Application ID: 206115
CDBS Antenna System ID: 75917

3 Towers
0 Augmentations
Theoretical pattern RMS: 237.77

Azimuth	E _{theo}	E _{std}	E _{aug}
0	395.68	415.60	
5	393.52	413.33	
10	357.18	375.19	
15	294.62	309.53	
20	219.63	230.85	
25	148.01	155.77	
30	93.48	98.71	
35	63.90	67.92	
40	59.54	63.39	
45	77.43	81.98	
50	112.77	118.87	
55	157.71	165.93	
60	204.63	215.11	
65	247.95	260.56	
70	284.47	298.88	
75	312.96	328.78	
80	333.64	350.48	
85	347.45	364.97	
90	355.48	373.41	
95	358.63	376.71	
100	357.30	375.31	
105	351.30	369.01	
110	339.93	357.08	
115	322.13	338.40	
120	296.84	311.86	
125	263.48	276.86	
130	222.62	233.99	
135	176.60	185.73	
140	130.06	136.96	
145	89.88	94.96	
150	64.20	68.22	
155	59.30	63.14	
160	78.48	83.07	
165	123.54	130.14	
170	189.72	199.48	
175	265.23	278.69	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	334.63	351.51	
185	382.81	402.08	
190	399.10	419.19	
195	380.24	399.39	
200	331.08	347.80	
205	262.96	276.31	
210	190.29	200.08	
215	126.73	133.48	
220	82.23	86.98	
225	60.92	64.82	
230	60.41	64.29	
235	75.89	80.37	
240	102.62	108.26	
245	135.07	142.22	
250	168.16	176.88	
255	198.16	208.34	
260	222.84	234.22	
265	241.11	253.39	
270	252.62	265.46	
275	257.35	270.42	
280	255.32	268.30	
285	246.53	259.07	
290	230.95	242.72	
295	208.76	219.44	
300	180.69	190.01	
305	148.48	156.25	
310	115.22	121.44	
315	85.53	90.42	
320	64.93	68.98	
325	58.50	62.31	
330	70.93	75.21	
335	106.26	112.07	
340	163.11	171.58	
345	233.62	245.53	
350	305.33	320.77	
355	363.69	382.02	

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