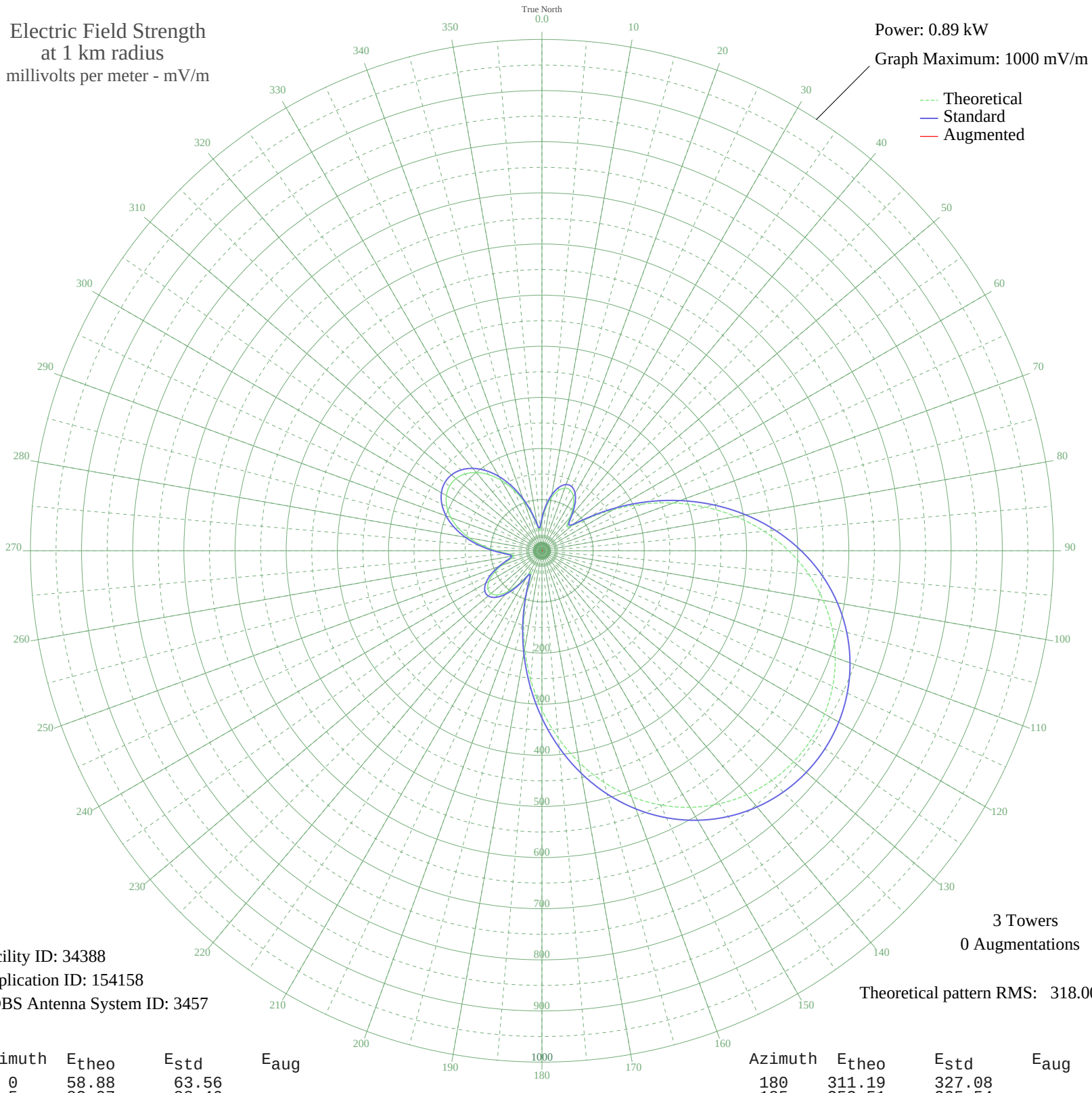
WOLI SPARTANBURG, SC BL-19901108AA 910 kHz

Nighttime

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



Power: 0.89 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

Facility ID: 34388
Application ID: 154158
CDBS Antenna System ID: 3457

3 Towers
0 Augmentations

Theoretical pattern RMS: 318.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	58.88	63.56	
5	83.07	88.46	
10	105.08	111.32	
15	121.51	128.44	
20	130.50	137.82	
25	130.97	138.31	
30	122.64	129.61	
35	106.35	112.64	
40	85.31	90.79	
45	69.05	73.99	
50	76.26	81.42	
55	110.93	117.41	
60	160.09	168.75	
65	215.52	226.78	
70	273.10	287.14	
75	330.25	347.07	
80	385.07	404.59	
85	436.16	458.21	
90	482.51	506.85	
95	523.40	549.77	
100	558.44	586.55	
105	587.42	616.97	
110	610.30	640.99	
115	627.13	658.66	
120	638.00	670.06	
125	642.97	675.28	
130	642.11	674.37	
135	635.38	667.31	
140	622.74	654.05	
145	604.10	634.47	
150	579.35	608.50	
155	548.47	576.08	
160	511.51	537.29	
165	468.71	492.37	
170	420.52	441.79	
175	367.66	386.32	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	311.19	327.08	
185	252.51	265.54	
190	193.43	203.63	
195	136.35	143.93	
200	85.20	90.67	
205	50.56	55.10	
210	54.13	58.72	
215	80.07	85.36	
220	104.72	110.94	
225	121.89	128.83	
230	130.04	137.34	
235	129.11	136.37	
240	119.89	126.75	
245	103.94	110.13	
250	83.88	89.30	
255	64.55	69.37	
260	55.54	60.16	
265	65.62	70.47	
270	88.98	94.59	
275	116.61	123.33	
280	143.91	151.82	
285	168.58	177.63	
290	189.29	199.30	
295	205.18	215.94	
300	215.68	226.95	
305	220.48	231.97	
310	219.41	230.85	
315	212.47	223.58	
320	199.83	210.33	
325	181.81	191.47	
330	158.97	167.57	
335	132.12	139.51	
340	102.53	108.67	
345	72.43	77.47	
350	47.26	51.77	
355	41.28	45.79	

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