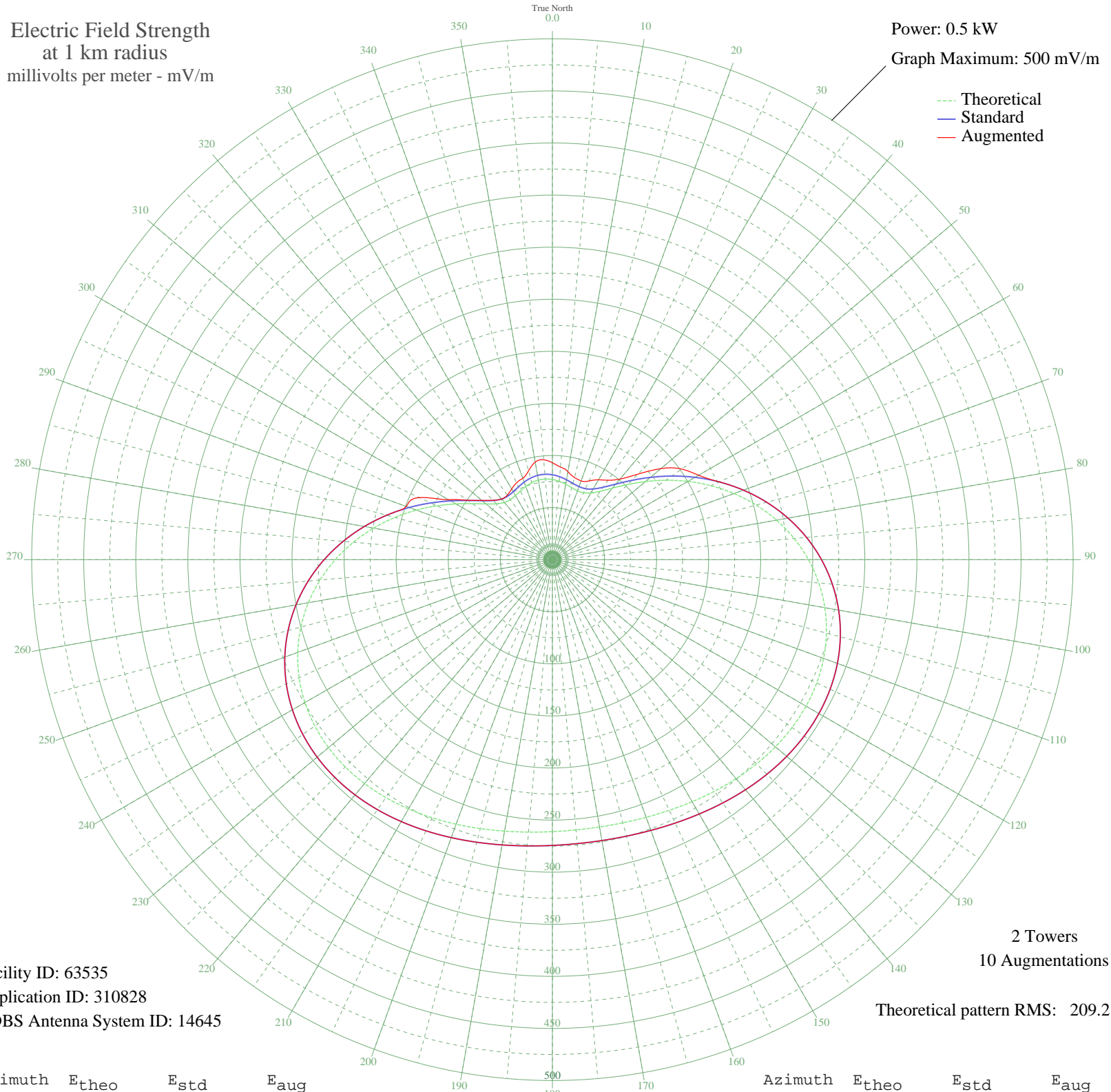


WSPL STREATOR, IL BL-- 1250 kHz

Daytime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 63535
Application ID: 310828
CDBS Antenna System ID: 14645

2 Towers
10 Augmentations
Theoretical pattern RMS: 209.21

Azimuth	E _{theo}	E _{std}	E _{aug}
0	76.98	81.51	93.04
5	75.47	79.94	89.21
10	73.50	77.88	85.80
15	71.56	75.86	81.68
20	70.39	74.65	80.47
25	70.90	75.18	83.36
30	73.97	78.37	88.51
35	80.18	84.84	93.06
40	89.63	94.70	100.99
45	101.97	107.58	116.13
50	116.61	122.89	136.01
55	132.91	139.95	151.59
60	150.23	158.09	162.14
65	167.97	176.68	176.68
70	185.59	195.15	195.15
75	202.59	212.98	212.98
80	218.54	229.71	229.71
85	233.07	244.95	244.95
90	245.89	258.39	258.39
95	256.78	269.83	269.83
100	265.63	279.11	279.11
105	272.41	286.23	286.23
110	277.17	291.22	291.22
115	280.04	294.23	294.23
120	281.22	295.47	295.47
125	280.96	295.20	295.20
130	279.54	293.71	293.71
135	277.26	291.32	291.32
140	274.44	288.35	288.35
145	271.36	285.12	285.12
150	268.31	281.92	281.92
155	265.52	278.99	278.99
160	263.20	276.56	276.56
165	261.51	274.79	274.79
170	260.57	273.80	273.80
175	260.42	273.64	273.64

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	261.08	274.34	274.34
185	262.51	275.84	275.84
190	264.62	278.05	278.05
195	267.26	280.82	280.82
200	270.24	283.95	283.95
205	273.34	287.20	287.20
210	276.29	290.30	290.30
215	278.80	292.93	292.93
220	280.57	294.78	294.78
225	281.28	295.53	295.53
230	280.65	294.87	294.87
235	278.41	292.52	292.52
240	274.35	288.26	288.26
245	268.31	281.92	281.92
250	260.21	273.42	273.42
255	250.04	262.75	262.75
260	237.90	250.01	250.01
265	223.95	235.38	235.38
270	208.47	219.15	219.15
275	191.80	201.67	201.67
280	174.35	183.37	183.37
285	156.59	164.76	164.76
290	139.06	146.39	149.33
295	122.32	128.87	141.03
300	107.01	112.85	115.10
305	93.77	99.01	99.41
310	83.22	88.01	88.51
315	75.83	80.31	80.58
320	71.67	75.98	75.98
325	70.33	74.59	75.56
330	71.00	75.29	78.28
335	72.76	77.12	81.39
340	74.79	79.23	83.09
345	76.51	81.02	88.33
350	77.55	82.10	95.11
355	77.71	82.27	96.24