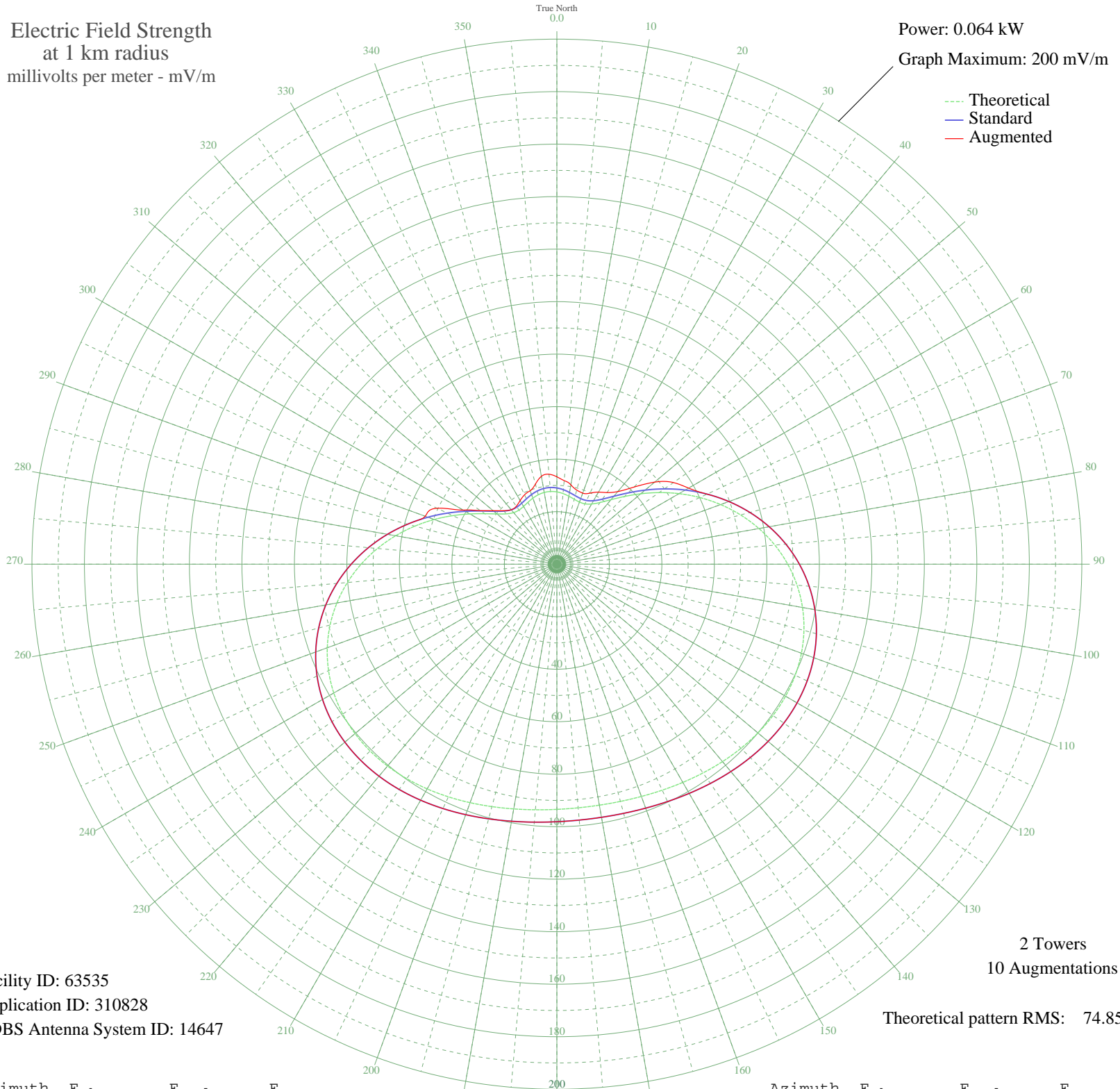


WSPL STREATOR, IL BL-- 1250 kHz

Nighttime

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

Power: 0.064 kW
Graph Maximum: 200 mV/m



Facility ID: 63535
Application ID: 310828
CDBS Antenna System ID: 14647

2 Towers
10 Augmentations
Theoretical pattern RMS: 74.85

Azimuth	E _{theo}	E _{std}	E _{aug}
0	27.54	29.04	33.28
5	27.00	28.47	31.95
10	26.29	27.73	30.71
15	25.60	27.01	29.21
20	25.18	26.57	28.80
25	25.36	26.76	29.85
30	26.46	27.91	31.70
35	28.68	30.23	33.29
40	32.06	33.77	36.10
45	36.48	38.39	41.51
50	41.71	43.88	48.63
55	47.54	49.99	54.21
60	53.74	56.49	57.96
65	60.09	63.15	63.15
70	66.39	69.76	69.76
75	72.47	76.14	76.14
80	78.18	82.13	82.13
85	83.38	87.58	87.58
90	87.96	92.40	92.40
95	91.86	96.49	96.49
100	95.02	99.81	99.81
105	97.45	102.36	102.36
110	99.15	104.14	104.14
115	100.18	105.22	105.22
120	100.60	105.66	105.66
125	100.51	105.57	105.57
130	100.00	105.03	105.03
135	99.18	104.18	104.18
140	98.17	103.12	103.12
145	97.07	101.96	101.96
150	95.98	100.81	100.81
155	94.98	99.77	99.77
160	94.15	98.90	98.90
165	93.55	98.26	98.26
170	93.21	97.91	97.91
175	93.16	97.85	97.85

Azimuth	E _{theo}	E _{std}	E _{aug}
180	93.40	98.10	98.10
185	93.91	98.64	98.64
190	94.66	99.43	99.43
195	95.61	100.42	100.42
200	96.67	101.54	101.54
205	97.78	102.71	102.71
210	98.84	103.81	103.81
215	99.74	104.76	104.76
220	100.37	105.42	105.42
225	100.62	105.69	105.69
230	100.40	105.45	105.45
235	99.60	104.61	104.61
240	98.14	103.09	103.09
245	95.98	100.82	100.82
250	93.08	97.77	97.77
255	89.45	93.96	93.96
260	85.10	89.40	89.40
265	80.11	84.16	84.16
270	74.58	78.35	78.35
275	68.61	72.09	72.09
280	62.37	65.54	65.54
285	56.02	58.88	58.88
290	49.74	52.30	53.37
295	43.76	46.02	50.44
300	38.28	40.28	41.20
305	33.54	35.32	35.54
310	29.77	31.37	31.70
315	27.13	28.61	28.79
320	25.64	27.05	27.05
325	25.16	26.55	26.93
330	25.40	26.80	27.99
335	26.03	27.46	29.15
340	26.76	28.22	29.74
345	27.37	28.86	31.58
350	27.74	29.25	33.98
355	27.80	29.31	34.39

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission