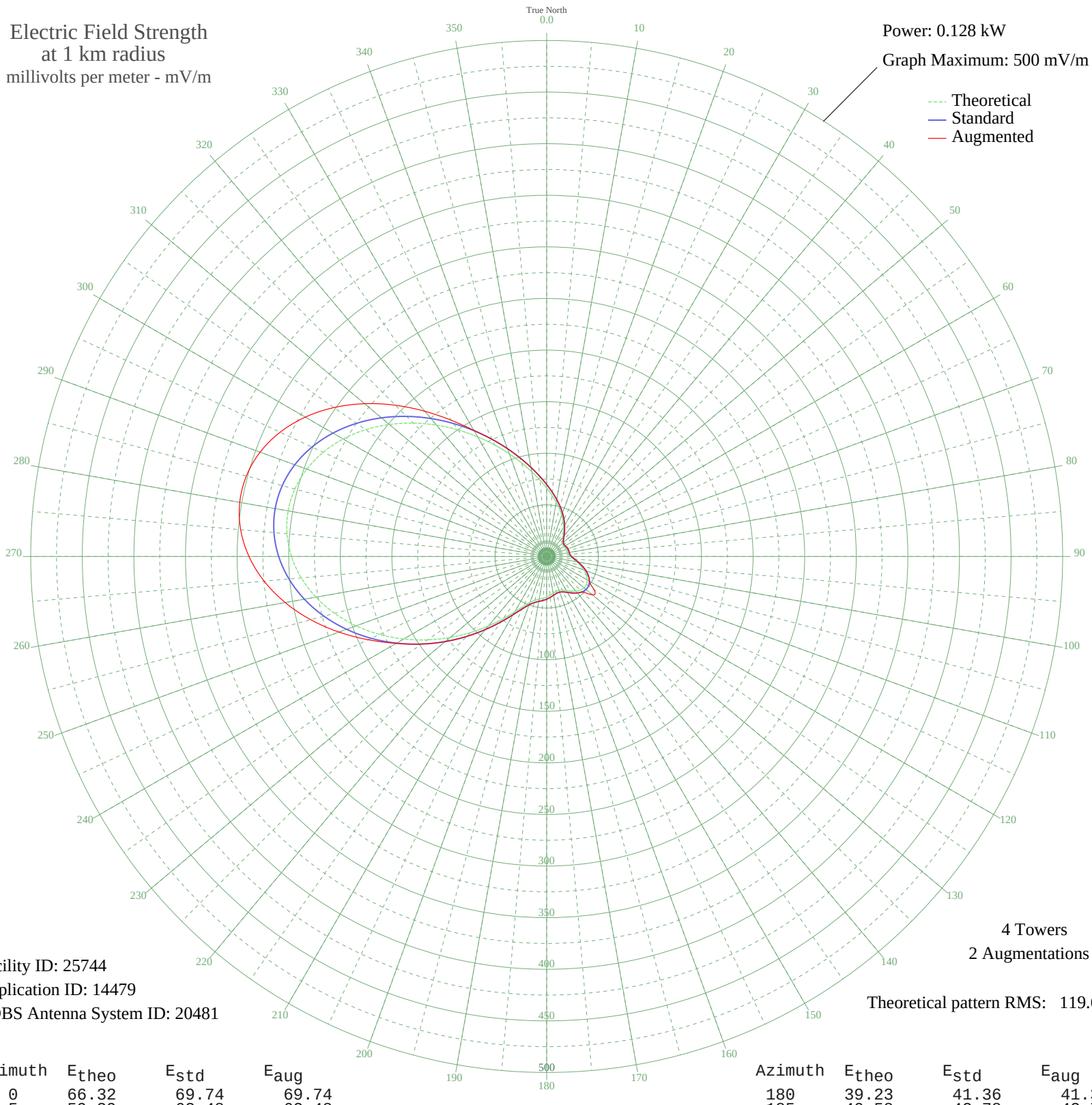
DKLBA ALBIA, IA BL-19791015AQ 1370 kHz

Nighttime

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



Power: 0.128 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

4 Towers
2 Augmentations

Facility ID: 25744
Application ID: 14479
CDBS Antenna System ID: 20481

Theoretical pattern RMS: 119.65

Azimuth	E_{theo}	E_{std}	E_{aug}	Azimuth	E_{theo}	E_{std}	E_{aug}
0	66.32	69.74	69.74	180	39.23	41.36	41.36
5	59.39	62.48	62.48	185	40.58	42.78	42.78
10	53.25	56.04	56.04	190	41.95	44.21	44.21
15	47.68	50.20	50.20	195	43.93	46.28	46.28
20	42.50	44.78	44.78	200	47.39	49.90	49.90
25	37.58	39.64	39.64	205	53.22	56.01	56.01
30	32.91	34.75	34.75	210	61.95	65.16	65.16
35	28.54	30.20	30.20	215	73.62	77.39	77.39
40	24.69	26.20	26.20	220	87.88	92.36	92.36
45	21.67	23.06	23.06	225	104.24	109.52	109.52
50	19.78	21.11	21.11	230	122.11	128.27	128.27
55	19.10	20.40	20.40	235	140.88	147.97	147.97
60	19.32	20.63	20.63	240	159.94	167.98	168.39
65	19.92	21.25	21.25	245	178.68	187.66	190.90
70	20.45	21.79	21.79	250	196.50	206.36	214.19
75	20.71	22.06	22.06	255	212.80	223.47	236.73
80	20.84	22.20	22.20	260	227.02	238.40	257.28
85	21.31	22.69	22.69	265	238.67	250.63	274.81
90	22.71	24.14	24.14	270	247.30	259.70	288.48
95	25.41	26.95	26.95	275	252.62	265.27	297.69
100	29.30	30.99	30.99	280	254.41	267.16	302.03
105	33.84	35.73	35.73	285	252.63	265.29	301.30
110	38.41	40.50	40.50	290	247.39	259.79	295.54
115	42.41	44.68	44.68	295	238.96	250.93	284.99
120	45.37	47.79	47.79	300	227.72	239.13	270.12
125	47.01	49.50	56.00	305	214.20	224.95	251.61
130	47.20	49.70	57.84	310	199.01	209.00	230.30
135	46.03	48.48	48.60	315	182.79	191.97	207.25
140	43.79	46.14	46.14	320	166.16	174.51	183.70
145	40.95	43.16	43.16	325	149.71	157.24	161.10
150	38.11	40.19	40.19	330	133.94	140.69	141.18
155	35.92	37.90	37.90	335	119.23	125.25	125.25
160	34.87	36.80	36.80	340	105.83	111.19	111.19
165	35.05	37.00	37.00	345	93.88	98.64	98.64
170	36.17	38.16	38.16	350	83.38	87.63	87.63
175	37.71	39.77	39.77	355	74.25	78.05	78.05

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
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