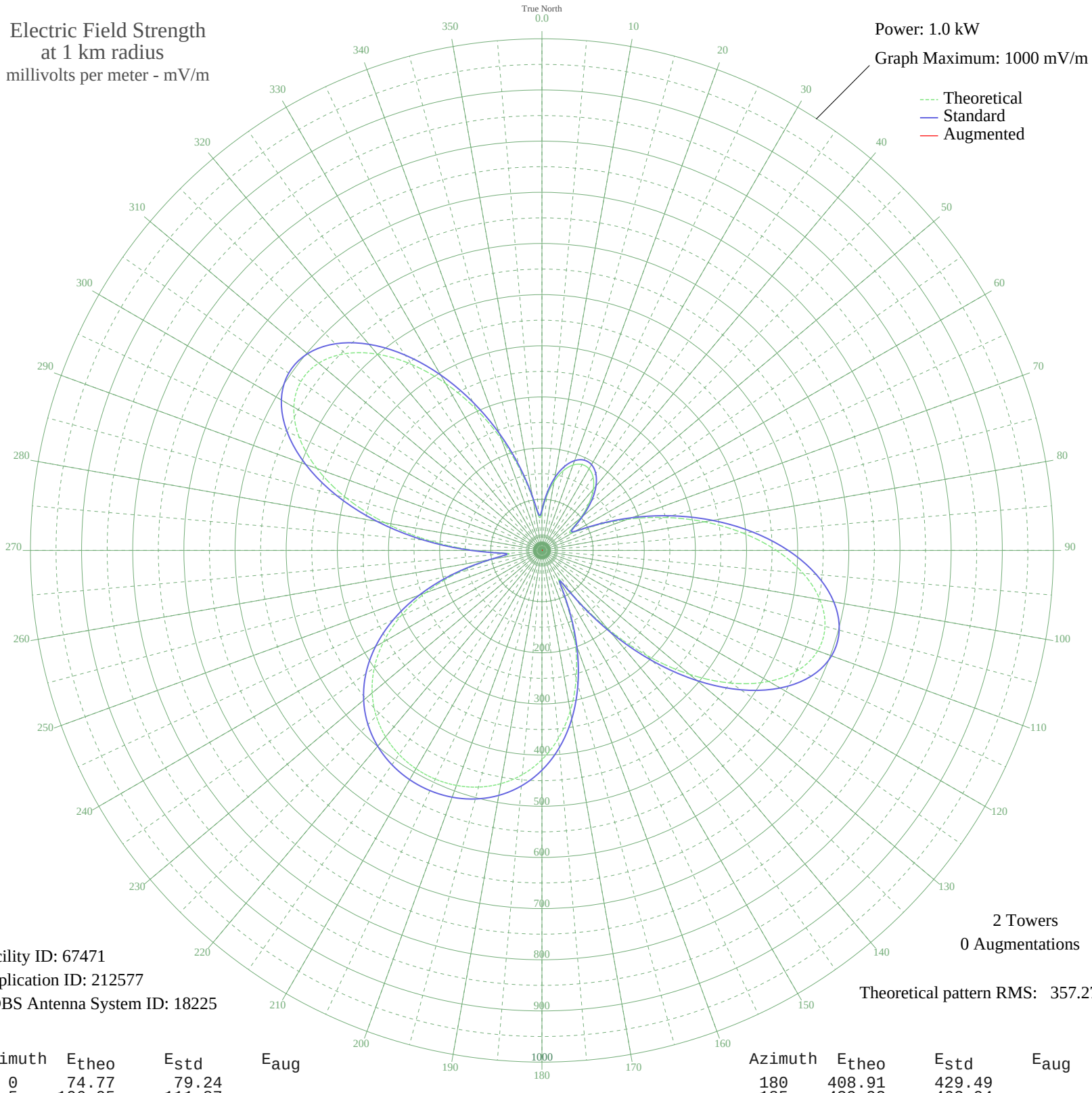
KOLT SCOTTSBLUFF, NE BL-19950809AE 1320 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 67471
Application ID: 212577
CDBS Antenna System ID: 18225

Theoretical pattern RMS: 357.27

Azimuth	E_{theo}	E_{std}	E_{aug}
0	74.77	79.24	
5	106.05	111.87	
10	136.95	144.20	
15	161.33	169.74	
20	177.58	186.77	
25	185.25	194.81	
30	184.20	193.71	
35	174.46	183.50	
40	156.19	164.35	
45	130.02	136.95	
50	98.13	103.60	
55	69.19	73.44	
60	70.93	75.25	
65	114.73	120.95	
70	177.90	187.11	
75	248.93	261.60	
80	322.33	338.61	
85	393.64	413.46	
90	458.47	481.52	
95	512.51	538.25	
100	551.77	579.46	
105	572.93	601.67	
110	573.75	602.53	
115	553.28	581.04	
120	512.06	537.77	
125	452.10	474.82	
130	376.72	395.70	
135	290.37	305.08	
140	198.68	208.89	
145	110.81	116.85	
150	64.22	68.29	
155	115.22	121.45	
160	189.27	199.03	
165	258.60	271.74	
170	318.75	334.87	
175	368.78	387.37	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	408.91	429.49	
185	439.92	462.04	
190	462.87	486.13	
195	478.82	502.88	
200	488.70	513.25	
205	493.18	517.95	
210	492.57	517.31	
215	486.84	511.30	
220	475.58	499.47	
225	458.04	481.06	
230	433.26	455.05	
235	400.14	420.29	
240	357.70	375.74	
245	305.23	320.67	
250	242.72	255.09	
255	171.60	180.50	
260	98.41	103.89	
265	66.29	70.43	
270	130.63	137.58	
275	220.80	232.09	
280	311.82	327.59	
285	396.00	415.93	
290	468.04	491.56	
295	523.76	550.05	
300	560.13	588.23	
305	575.48	604.35	
310	569.64	598.22	
315	543.89	571.18	
320	500.75	525.90	
325	443.74	466.05	
330	376.95	395.94	
335	304.74	320.15	
340	231.49	243.30	
345	161.76	170.19	
350	101.73	107.36	
355	66.01	70.14	

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
Federal Communications Commission