

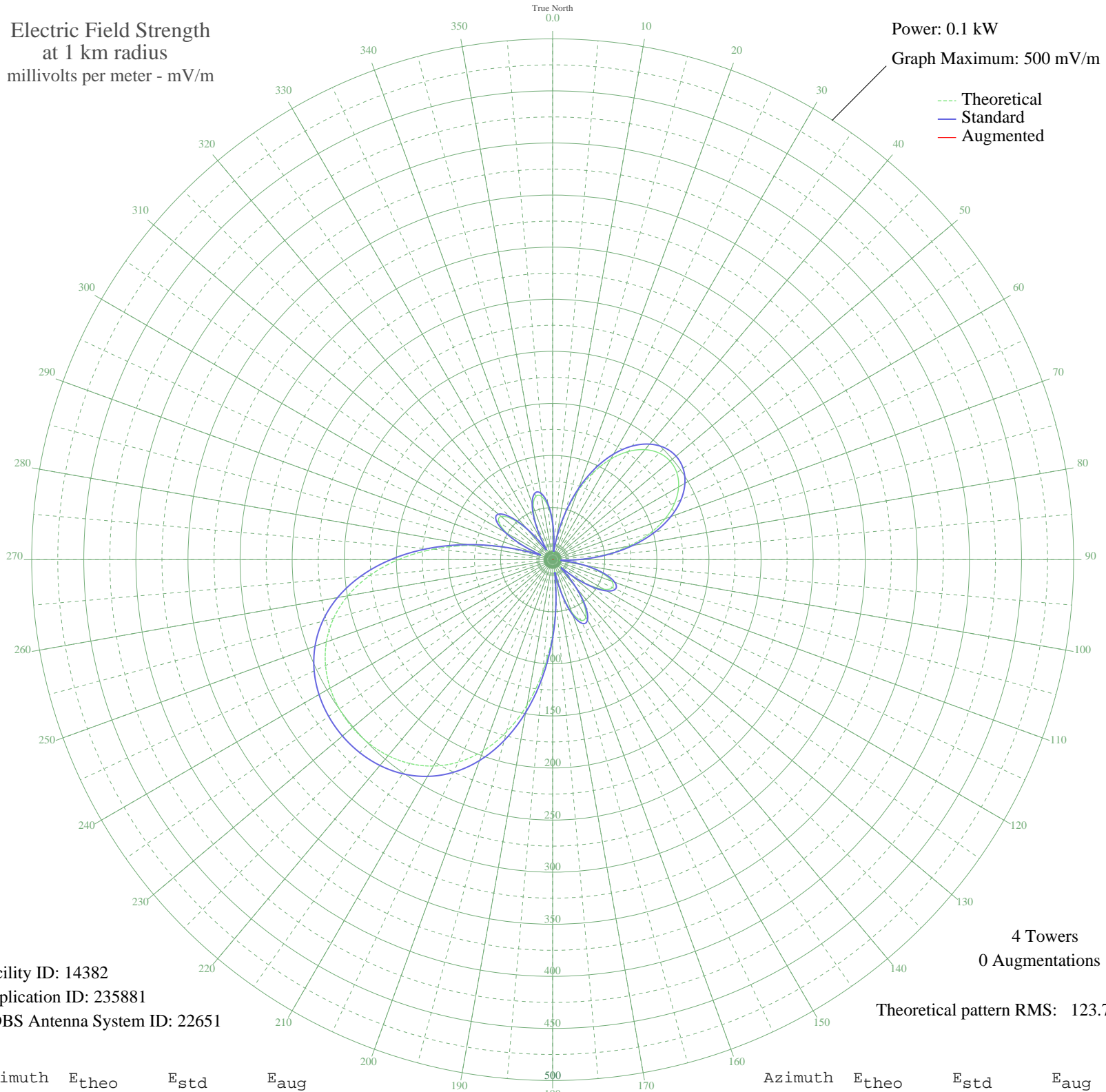
KFNN MESA, AZ BL-19961125AG 1510 kHz

Nighttime

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

Power: 0.1 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 14382
Application ID: 235881
CDBS Antenna System ID: 22651

4 Towers
0 Augmentations

Theoretical pattern RMS: 123.70

Azimuth	E _{theo}	E _{std}	E _{aug}
0	33.73	35.60	
5	11.75	12.86	
10	17.60	18.83	
15	43.74	46.07	
20	69.20	72.75	
25	92.09	96.77	
30	111.46	117.09	
35	126.79	133.17	
40	137.86	144.80	
45	144.66	151.93	
50	147.20	154.60	
55	145.50	152.82	
60	139.56	146.59	
65	129.34	135.86	
70	114.86	120.66	
75	96.27	101.15	
80	74.02	77.80	
85	48.97	51.54	
90	22.71	24.11	
95	7.99	9.14	
100	29.52	31.20	
105	48.39	50.93	
110	60.27	63.38	
115	63.35	66.62	
120	56.98	59.94	
125	41.95	44.20	
130	21.09	22.44	
135	11.86	12.96	
140	33.02	34.85	
145	52.33	55.06	
150	63.59	66.87	
155	64.29	67.60	
160	53.75	56.55	
165	33.20	35.04	
170	11.12	12.22	
175	35.21	37.15	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	71.67	75.34	
185	108.11	113.57	
190	141.79	148.93	
195	171.13	179.73	
200	195.39	205.19	
205	214.48	225.23	
210	228.78	240.24	
215	238.92	250.89	
220	245.60	257.91	
225	249.42	261.92	
230	250.80	263.36	
235	249.88	262.40	
240	246.58	258.93	
245	240.51	252.57	
250	231.12	242.70	
255	217.70	228.61	
260	199.61	209.62	
265	176.40	185.26	
270	148.04	155.49	
275	115.13	120.94	
280	79.07	83.10	
285	42.30	44.56	
290	12.09	13.20	
295	28.20	29.83	
300	50.36	53.00	
305	63.07	66.32	
310	64.62	67.95	
315	55.33	58.21	
320	37.33	39.37	
325	15.39	16.56	
330	16.85	18.06	
335	38.10	40.17	
340	54.61	57.46	
345	62.83	66.07	
350	61.63	64.81	
355	51.39	54.08	