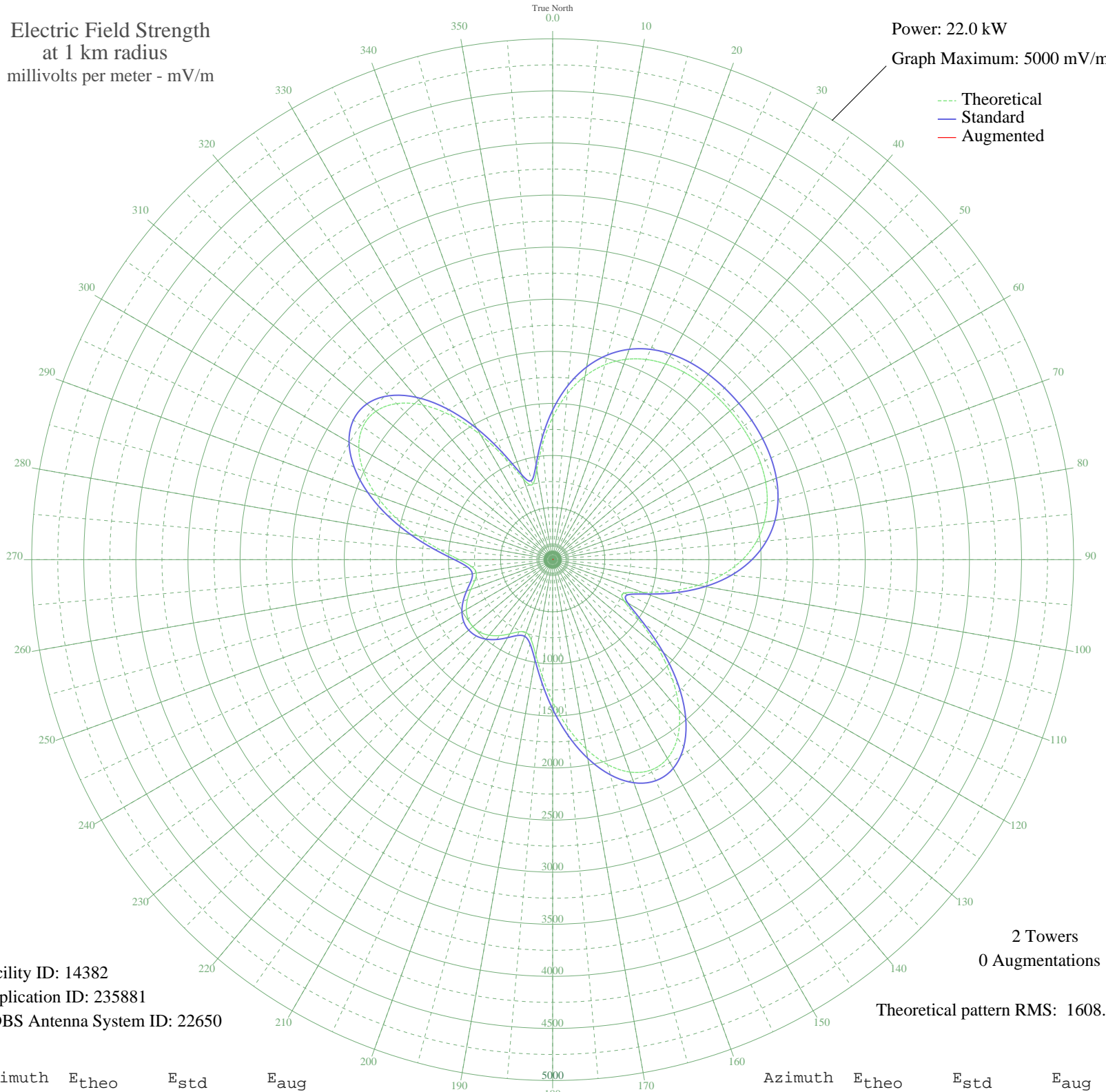


KFNN MESA, AZ BL-19961125AG 1510 kHz

Daytime

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

Power: 22.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 14382
Application ID: 235881
CDBS Antenna System ID: 22650

2 Towers
0 Augmentations

Theoretical pattern RMS: 1608.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1366.91	1436.10	
5	1597.14	1677.72	
10	1788.31	1878.37	
15	1936.98	2034.43	
20	2045.82	2148.68	
25	2120.68	2227.26	
30	2168.74	2277.71	
35	2197.23	2307.62	
40	2212.58	2323.73	
45	2219.77	2331.28	
50	2222.02	2333.64	
55	2220.55	2332.10	
60	2214.54	2325.79	
65	2201.17	2311.76	
70	2175.78	2285.10	
75	2132.20	2239.35	
80	2063.29	2167.02	
85	1961.78	2060.46	
90	1821.42	1913.13	
95	1638.73	1721.37	
100	1415.59	1487.18	
105	1164.19	1223.39	
110	918.43	965.61	
115	757.59	797.00	
120	791.77	832.82	
125	1014.92	1066.80	
130	1319.26	1386.10	
135	1626.07	1708.09	
140	1891.27	1986.45	
145	2088.56	2193.54	
150	2203.01	2313.69	
155	2229.17	2341.14	
160	2170.03	2279.06	
165	2035.92	2138.28	
170	1842.97	1935.75	
175	1611.50	1692.79	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1364.67	1433.75	
185	1127.97	1185.39	
190	929.15	976.85	
195	795.96	837.21	
200	744.61	783.39	
205	763.95	803.66	
210	822.16	864.67	
215	889.40	935.17	
220	947.08	995.65	
225	985.57	1036.02	
230	1000.50	1051.68	
235	990.52	1041.21	
240	956.51	1005.54	
245	902.11	948.50	
250	835.65	878.81	
255	773.58	813.75	
260	743.70	782.43	
265	779.05	819.48	
270	896.46	942.57	
275	1084.25	1139.53	
280	1315.67	1382.33	
285	1562.58	1641.44	
290	1799.05	1889.65	
295	2001.44	2102.09	
300	2148.76	2256.74	
305	2223.93	2335.64	
310	2215.33	2326.61	
315	2118.38	2224.85	
320	1936.79	2034.22	
325	1683.48	1768.34	
330	1382.19	1452.14	
335	1072.50	1127.20	
340	824.51	867.13	
345	746.28	785.14	
350	875.85	920.96	
355	1112.89	1169.57	

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