

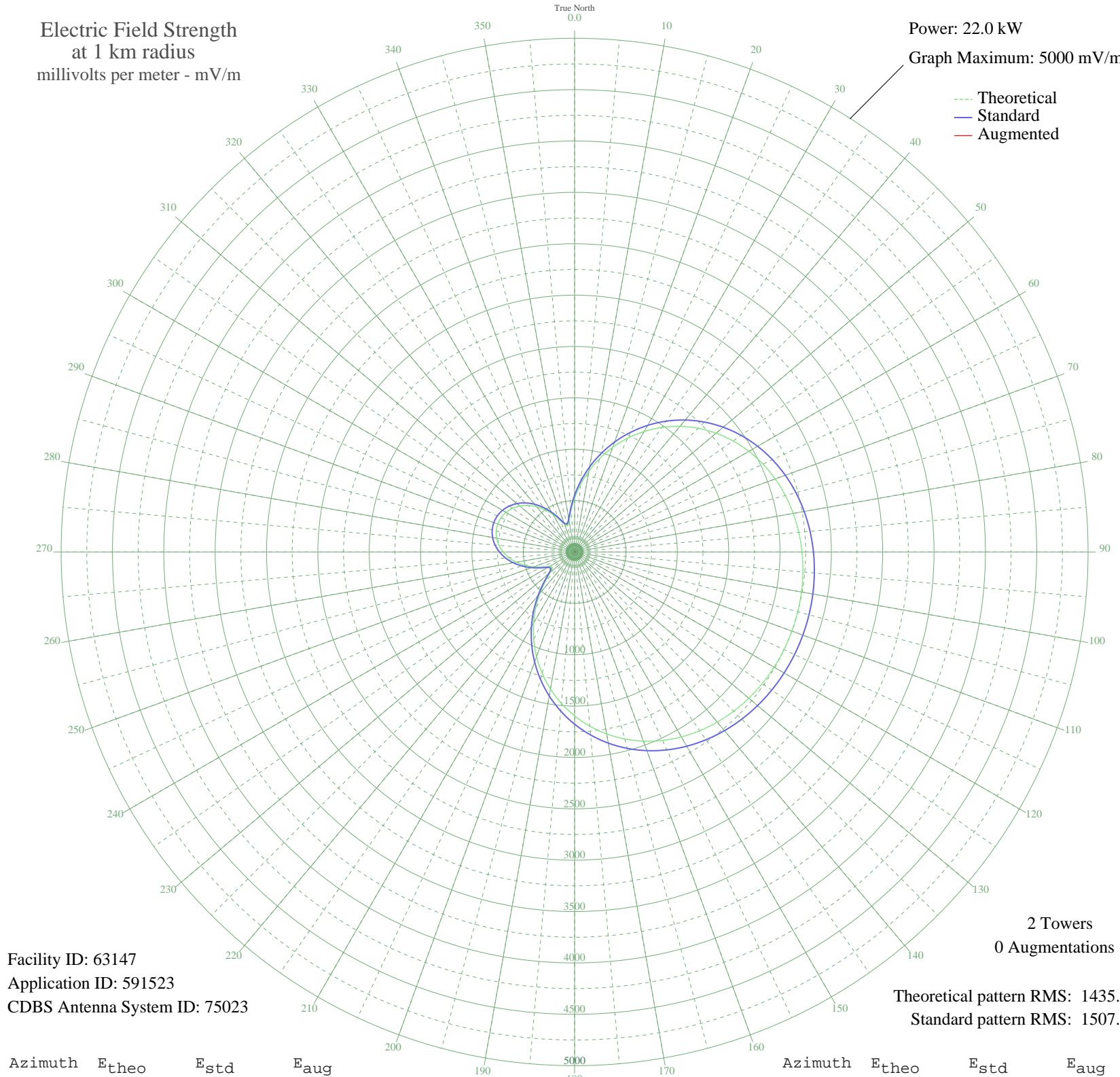
KMIA BLACK CANYON CITY, AZ BL-20011227AAZ 710 kHz

Daytime

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

Power: 22.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 63147
Application ID: 591523
CDBS Antenna System ID: 75023

2 Towers
0 Augmentations

Theoretical pattern RMS: 1435.30
Standard pattern RMS: 1507.87

Azimuth	E _{theo}	E _{std}	E _{aug}
0	523.79	552.18	
5	657.95	692.60	
10	798.69	840.06	
15	941.58	989.88	
20	1083.41	1138.64	
25	1221.64	1283.66	
30	1354.17	1422.73	
35	1479.29	1554.04	
40	1595.67	1676.17	
45	1702.30	1788.10	
50	1798.58	1889.15	
55	1884.20	1979.02	
60	1959.18	2057.72	
65	2023.81	2125.57	
70	2078.62	2183.10	
75	2124.27	2231.02	
80	2161.55	2270.16	
85	2191.30	2301.39	
90	2214.32	2325.56	
95	2231.36	2343.44	
100	2243.05	2355.71	
105	2249.86	2362.87	
110	2252.10	2365.21	
115	2249.86	2362.87	
120	2243.05	2355.71	
125	2231.36	2343.44	
130	2214.32	2325.56	
135	2191.30	2301.39	
140	2161.55	2270.16	
145	2124.27	2231.02	
150	2078.62	2183.10	
155	2023.81	2125.57	
160	1959.18	2057.72	
165	1884.20	1979.02	
170	1798.58	1889.15	
175	1702.30	1788.10	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1595.67	1676.17	
185	1479.29	1554.04	
190	1354.17	1422.73	
195	1221.64	1283.66	
200	1083.41	1138.64	
205	941.58	989.88	
210	798.69	840.06	
215	657.95	692.60	
220	523.79	552.18	
225	403.35	426.38	
230	309.81	329.01	
235	265.07	282.65	
240	282.76	300.96	
245	343.97	364.51	
250	421.86	445.68	
255	501.35	528.71	
260	575.47	606.25	
265	640.86	674.70	
270	695.72	732.17	
275	739.08	777.59	
280	770.35	810.36	
285	789.22	830.14	
290	795.53	836.75	
295	789.22	830.14	
300	770.35	810.36	
305	739.08	777.59	
310	695.72	732.17	
315	640.86	674.70	
320	575.47	606.25	
325	501.35	528.71	
330	421.86	445.68	
335	343.97	364.51	
340	282.76	300.96	
345	265.07	282.65	
350	309.81	329.01	
355	403.35	426.38	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission