

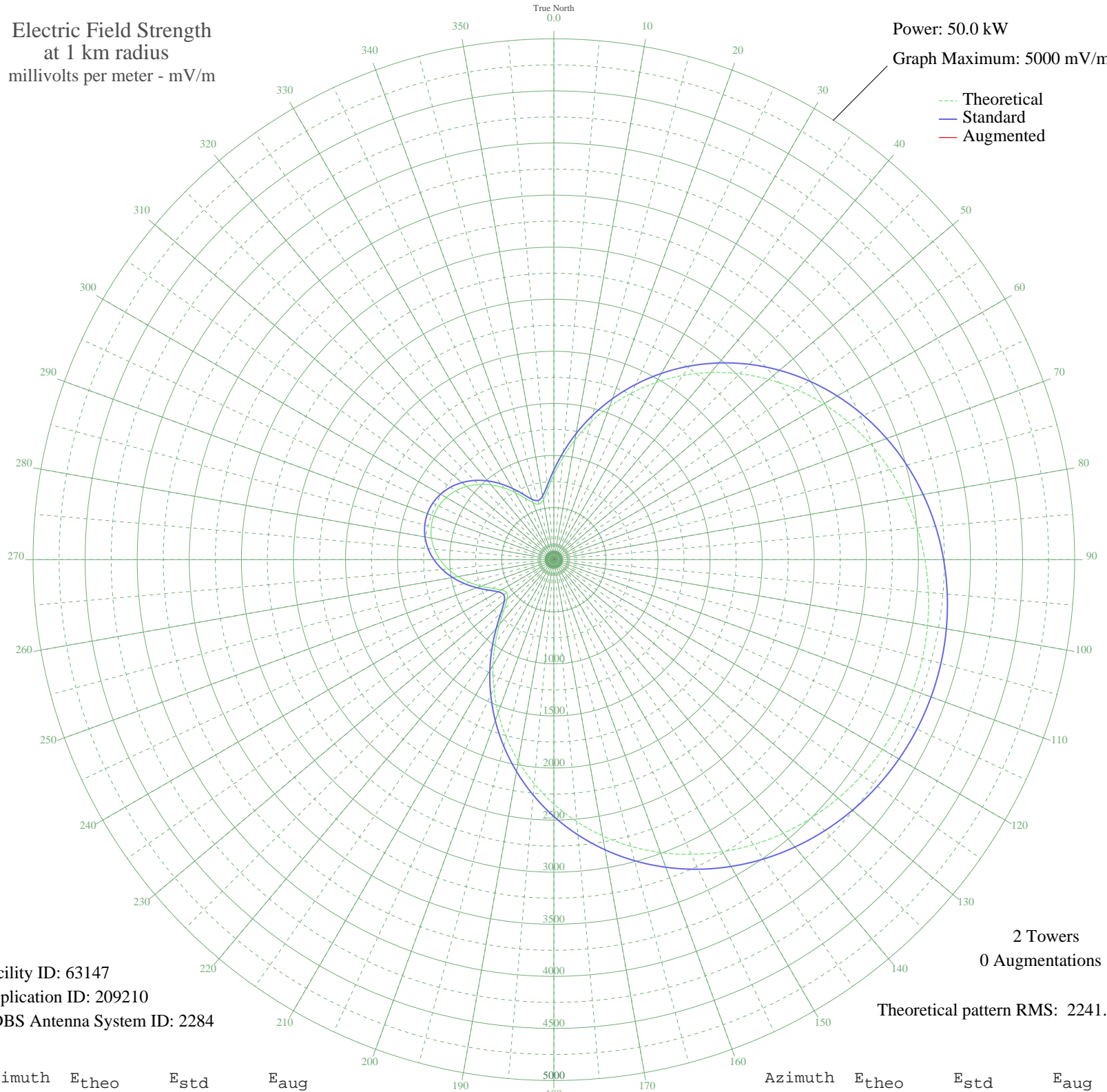
KMIA BLACK CANYON CITY, AZ BP-19950522DA 710 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 63147
Application ID: 209210
CDBS Antenna System ID: 2284

2 Towers
0 Augmentations
Theoretical pattern RMS: 2241.49

Azimuth	E _{theo}	E _{std}	E _{aug}
0	813.88	859.61	
5	981.09	1034.33	
10	1166.46	1228.31	
15	1362.26	1433.39	
20	1563.06	1643.84	
25	1764.80	1855.37	
30	1964.24	2064.55	
35	2158.73	2268.57	
40	2346.03	2465.09	
45	2524.30	2652.15	
50	2692.03	2828.16	
55	2848.01	2991.85	
60	2991.33	3142.27	
65	3121.33	3278.72	
70	3237.60	3400.75	
75	3339.92	3508.15	
80	3428.21	3600.82	
85	3502.53	3678.83	
90	3563.01	3742.31	
95	3609.80	3791.43	
100	3643.08	3826.36	
105	3662.98	3847.26	
110	3669.61	3854.21	
115	3662.98	3847.26	
120	3643.08	3826.36	
125	3609.80	3791.43	
130	3563.01	3742.31	
135	3502.53	3678.83	
140	3428.21	3600.82	
145	3339.92	3508.15	
150	3237.60	3400.75	
155	3121.33	3278.72	
160	2991.33	3142.27	
165	2848.01	2991.85	
170	2692.03	2828.16	
175	2524.30	2652.15	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	2346.03	2465.09	
185	2158.73	2268.57	
190	1964.24	2064.55	
195	1764.80	1855.37	
200	1563.06	1643.84	
205	1362.26	1433.39	
210	1166.46	1228.31	
215	981.09	1034.33	
220	813.88	859.61	
225	676.38	716.25	
230	584.46	620.67	
235	552.78	587.81	
240	581.28	617.37	
245	652.15	691.04	
250	744.06	786.76	
255	841.61	888.56	
260	935.54	986.70	
265	1020.35	1075.39	
270	1092.75	1151.15	
275	1150.68	1211.78	
280	1192.82	1255.91	
285	1218.40	1282.69	
290	1226.97	1291.66	
295	1218.40	1282.69	
300	1192.82	1255.91	
305	1150.68	1211.78	
310	1092.75	1151.15	
315	1020.35	1075.39	
320	935.54	986.70	
325	841.61	888.56	
330	744.06	786.76	
335	652.15	691.04	
340	581.28	617.37	
345	552.78	587.81	
350	584.46	620.68	
355	676.38	716.25	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission