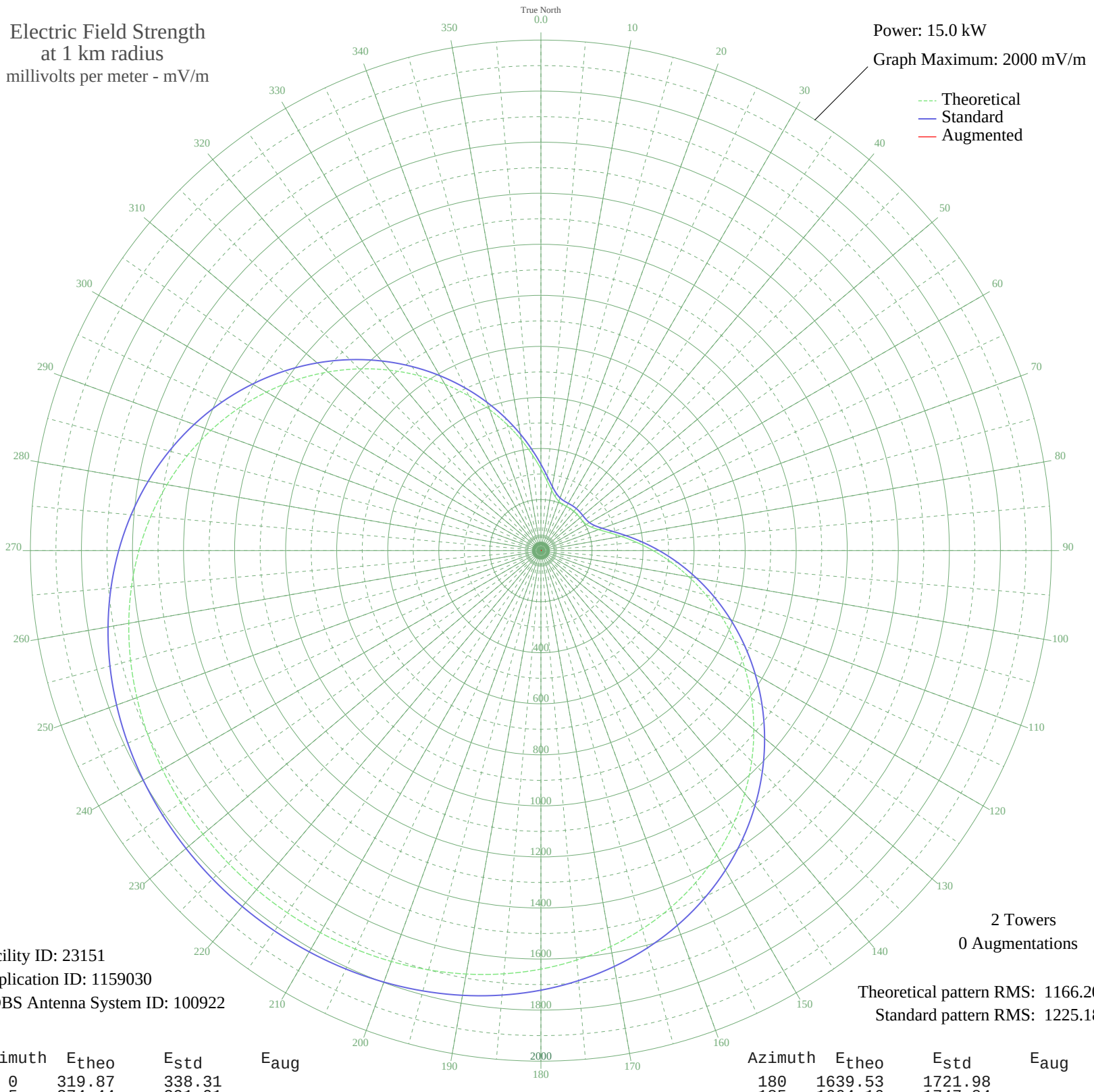
KFEL PUEBLO, CO BP-20071031AFI 970 kHz

Daytime

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



Power: 15.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 23151
Application ID: 1159030
CDBS Antenna System ID: 100922

Theoretical pattern RMS: 1166.20
Standard pattern RMS: 1225.18

Azimuth	E_{theo}	E_{std}	E_{aug}
0	319.87	338.31	
5	274.44	291.01	
10	240.33	255.60	
15	217.78	232.25	
20	205.47	219.54	
25	200.65	214.57	
30	200.05	213.96	
35	200.87	214.80	
40	201.34	215.28	
45	200.87	214.80	
50	200.05	213.96	
55	200.65	214.57	
60	205.47	219.54	
65	217.78	232.25	
70	240.33	255.60	
75	274.44	291.01	
80	319.87	338.31	
85	375.46	396.32	
90	439.67	463.44	
95	510.95	538.04	
100	587.78	618.51	
105	668.73	703.34	
110	752.40	791.07	
115	837.48	880.29	
120	922.68	969.67	
125	1006.80	1057.92	
130	1088.71	1143.87	
135	1167.41	1226.45	
140	1242.02	1304.75	
145	1311.81	1378.00	
150	1376.23	1445.61	
155	1434.89	1507.18	
160	1487.56	1562.47	
165	1534.21	1611.43	
170	1574.92	1654.16	
175	1609.91	1690.90	
180	1639.53	1721.98	
185	1664.16	1747.84	
190	1684.26	1768.94	
195	1700.29	1785.77	
200	1712.70	1798.79	
205	1721.88	1808.43	
210	1728.18	1815.04	
215	1731.85	1818.90	
220	1733.06	1820.16	
225	1731.85	1818.90	
230	1728.18	1815.04	
235	1721.88	1808.43	
240	1712.70	1798.79	
245	1700.29	1785.77	
250	1684.26	1768.94	
255	1664.16	1747.84	
260	1639.53	1721.98	
265	1609.91	1690.90	
270	1574.92	1654.16	
275	1534.21	1611.43	
280	1487.56	1562.47	
285	1434.89	1507.18	
290	1376.23	1445.61	
295	1311.81	1378.00	
300	1242.01	1304.75	
305	1167.41	1226.45	
310	1088.71	1143.87	
315	1006.80	1057.92	
320	922.68	969.67	
325	837.48	880.29	
330	752.40	791.07	
335	668.73	703.34	
340	587.78	618.51	
345	510.95	538.04	
350	439.67	463.44	
355	375.46	396.32	

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