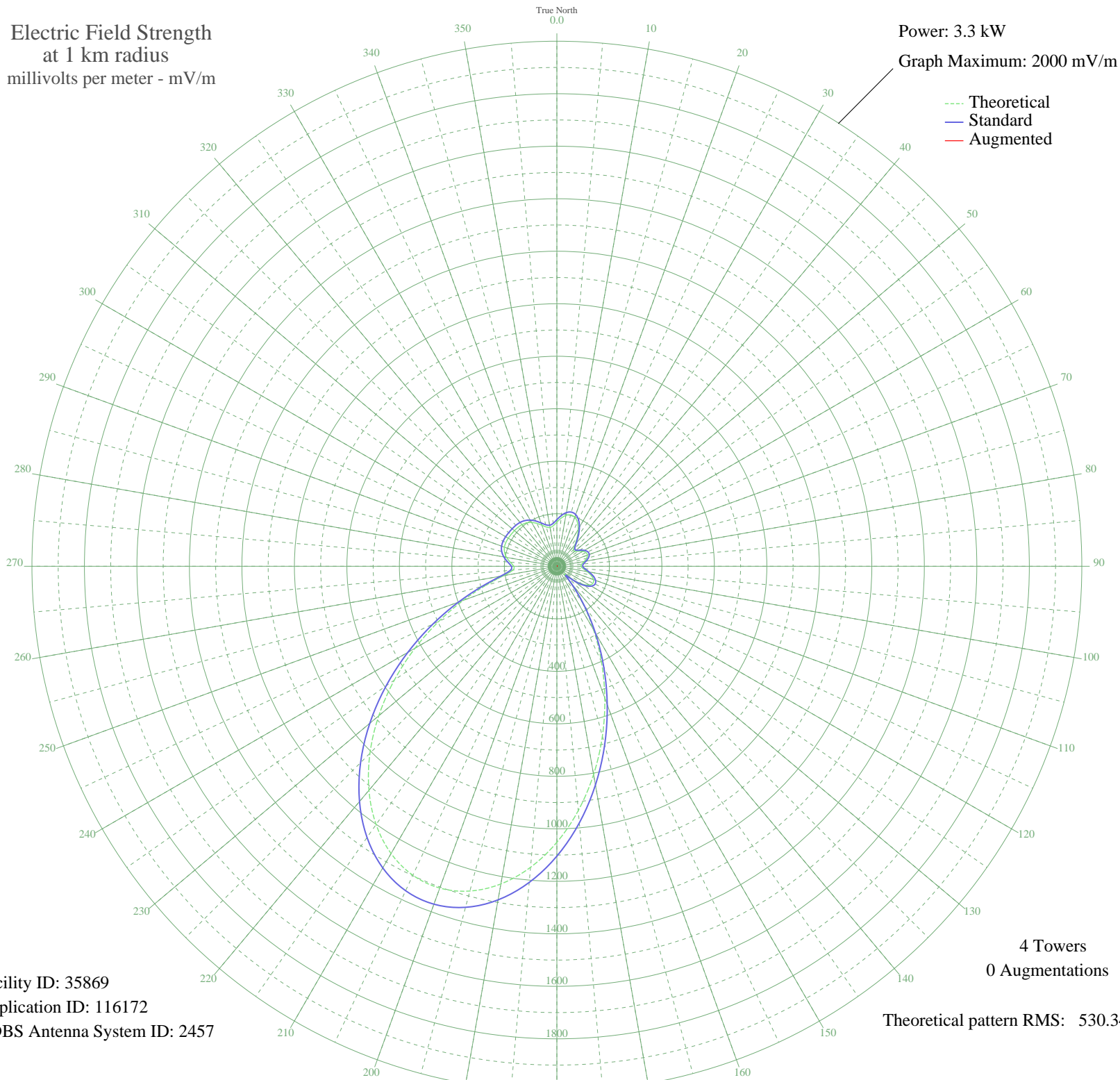


KVOR COLORADO SPRINGS, CO BL-19880729AE 740 kHz

Daytime

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

Power: 3.3 kW
Graph Maximum: 2000 mV/m



Facility ID: 35869
Application ID: 116172
CDBS Antenna System ID: 2457

Theoretical pattern RMS: 530.34

Azimuth	E _{theo}	E _{std}	E _{aug}
0	168.12	177.55	
5	183.84	193.97	
10	196.74	207.45	
15	202.54	213.52	
20	198.80	209.61	
25	184.96	195.15	
30	162.41	171.59	
35	134.56	142.56	
40	107.37	114.34	
45	89.67	96.06	
50	88.64	95.00	
55	100.19	106.92	
60	113.90	121.11	
65	122.71	130.25	
70	123.81	131.39	
75	117.32	124.65	
80	105.93	112.85	
85	95.02	101.58	
90	91.81	98.27	
95	100.38	107.11	
100	117.20	124.53	
105	135.20	143.24	
110	148.28	156.86	
115	151.94	160.67	
120	142.91	151.27	
125	119.12	126.52	
130	80.57	86.72	
135	41.28	47.35	
140	80.06	86.20	
145	169.90	179.41	
150	279.15	293.73	
155	401.91	422.44	
160	533.80	560.81	
165	670.04	703.80	
170	805.42	845.90	
175	934.37	981.28	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1051.34	1104.07	
185	1151.02	1208.72	
190	1228.74	1290.31	
195	1280.72	1344.89	
200	1304.38	1369.73	
205	1298.52	1363.58	
210	1263.41	1326.72	
215	1200.82	1261.01	
220	1113.95	1169.80	
225	1007.19	1057.72	
230	885.91	930.40	
235	756.11	794.14	
240	624.08	655.56	
245	496.25	521.41	
250	379.10	398.51	
255	279.66	294.26	
260	206.43	217.59	
265	168.30	177.74	
270	164.27	173.54	
275	178.15	188.03	
280	194.48	205.09	
285	206.43	217.59	
290	212.70	224.15	
295	214.48	226.01	
300	213.75	225.24	
305	212.29	223.72	
310	210.99	222.36	
315	209.57	220.87	
320	206.87	218.05	
325	201.50	212.43	
330	192.52	203.05	
335	180.17	190.14	
340	166.33	175.69	
345	154.76	163.61	
350	150.12	158.77	
355	155.16	164.03	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission