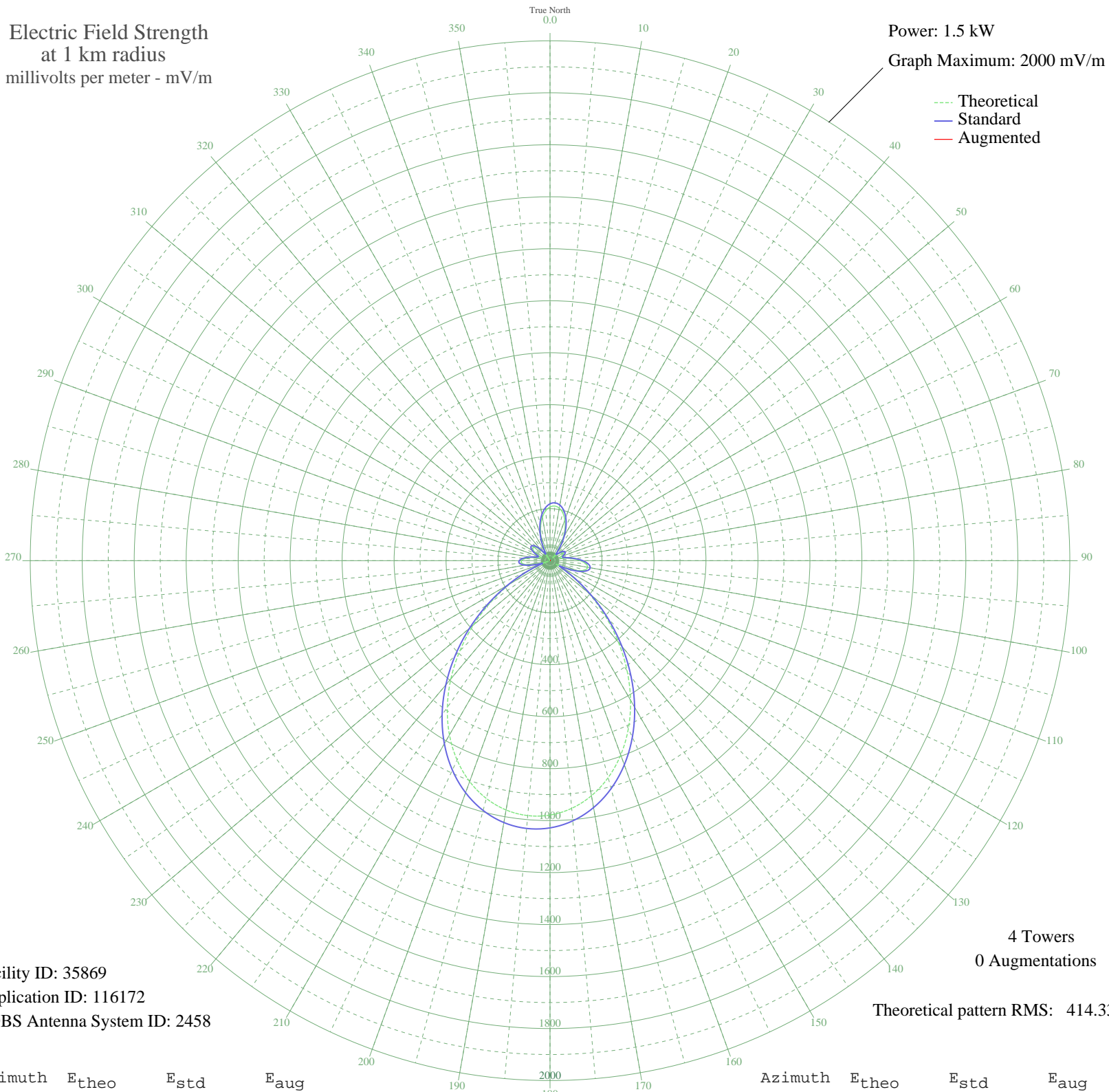


# KVOR COLORADO SPRINGS, CO BL-19880729AE 740 kHz

Nighttime

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

Power: 1.5 kW  
Graph Maximum: 2000 mV/m



Facility ID: 35869  
Application ID: 116172  
CDBS Antenna System ID: 2458

4 Towers  
0 Augmentations

Theoretical pattern RMS: 414.33

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	206.56	218.79	
5	210.80	223.20	
10	205.12	217.29	
15	189.94	201.51	
20	166.30	176.98	
25	135.81	145.48	
30	100.67	109.56	
35	63.69	72.81	
40	28.95	41.87	
45	15.91	33.28	
50	36.48	47.92	
55	52.45	62.14	
60	58.32	67.66	
65	53.86	63.46	
70	42.75	53.32	
75	38.39	49.53	
80	56.38	65.82	
85	86.47	95.25	
90	116.27	125.43	
95	138.28	148.02	
100	146.98	156.99	
105	138.42	148.17	
110	110.45	119.49	
115	63.79	72.90	
120	27.93	41.09	
125	98.68	107.54	
130	194.69	206.45	
135	300.01	316.32	
140	409.01	430.42	
145	516.88	543.49	
150	619.43	651.04	
155	713.19	749.41	
160	795.45	835.72	
165	864.24	907.91	
170	918.20	964.54	
175	956.51	1004.75	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	978.68	1028.02	
185	984.49	1034.12	
190	973.91	1023.01	
195	947.07	994.84	
200	904.31	949.97	
205	846.26	889.04	
210	773.95	813.16	
215	688.96	723.98	
220	593.54	623.88	
225	490.65	515.99	
230	384.01	404.24	
235	277.94	293.25	
240	177.12	188.19	
245	86.30	95.08	
250	11.16	31.08	
255	50.11	59.97	
260	89.42	98.21	
265	108.83	117.84	
270	109.66	118.69	
275	95.16	103.98	
280	70.51	79.43	
285	44.32	54.72	
290	35.58	47.17	
295	52.04	61.76	
300	70.94	79.86	
305	81.70	90.48	
310	81.18	89.97	
315	68.90	77.86	
320	45.91	56.15	
325	14.34	32.49	
330	23.00	37.58	
335	63.03	72.17	
340	102.63	111.54	
345	138.95	148.72	
350	169.57	180.37	
355	192.56	204.23	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission