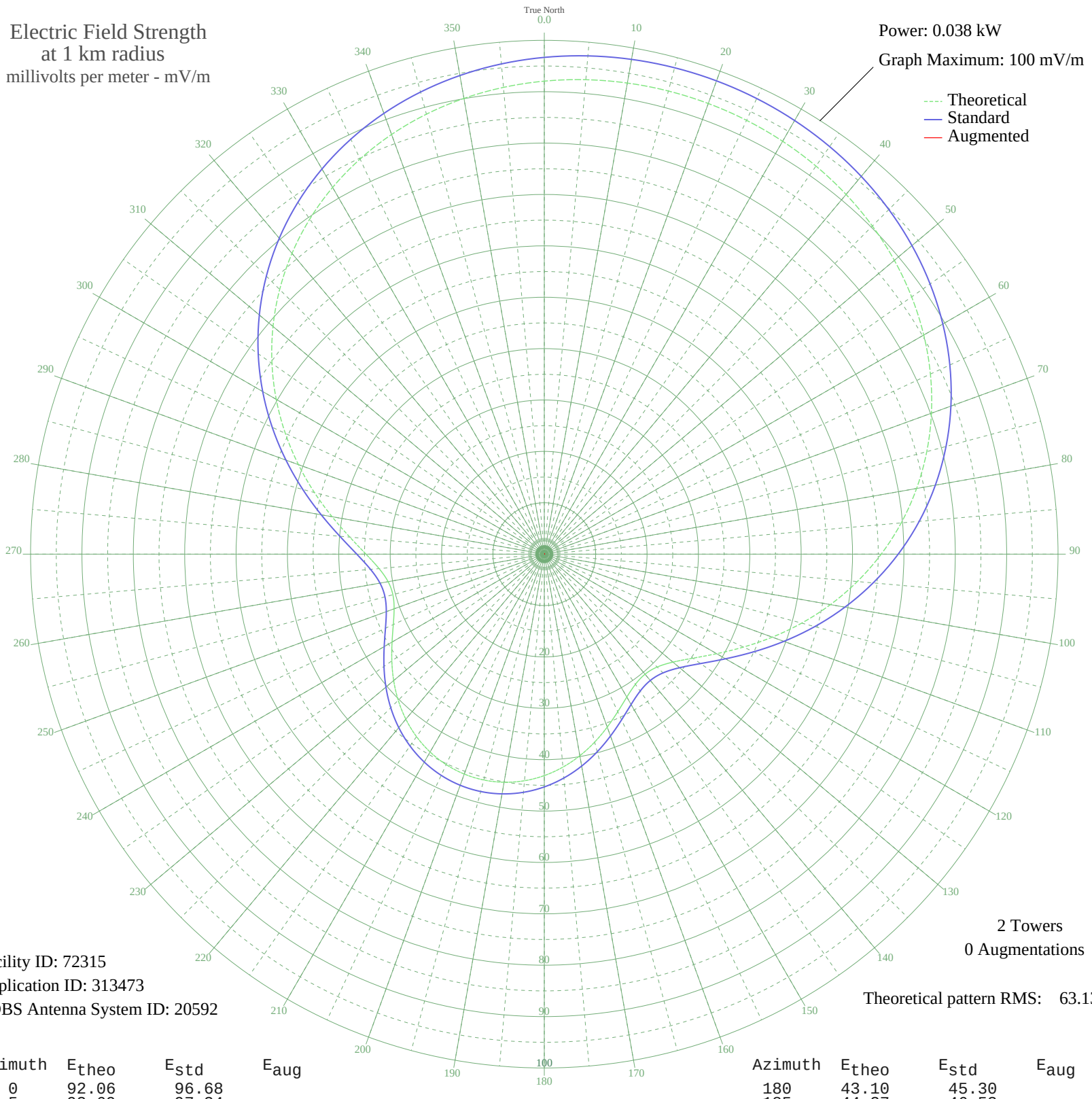
WKMC ROARING SPRING, PA BL-- 1370 kHz

Nighttime

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



Facility ID: 72315
Application ID: 313473
CDBS Antenna System ID: 20592

2 Towers
0 Augmentations

Theoretical pattern RMS: 63.13

Azimuth	E_{theo}	E_{std}	E_{aug}
0	92.06	96.68	
5	92.69	97.34	
10	93.10	97.78	
15	93.31	98.00	
20	93.33	98.02	
25	93.16	97.84	
30	92.79	97.45	
35	92.20	96.83	
40	91.38	95.98	
45	90.31	94.85	
50	88.96	93.43	
55	87.29	91.68	
60	85.29	89.58	
65	82.93	87.10	
70	80.19	84.23	
75	77.08	80.96	
80	73.59	77.30	
85	69.74	73.26	
90	65.58	68.89	
95	61.16	64.25	
100	56.56	59.42	
105	51.87	54.50	
110	47.23	49.63	
115	42.79	44.98	
120	38.75	40.73	
125	35.31	37.13	
130	32.69	34.38	
135	31.07	32.68	
140	30.51	32.10	
145	30.92	32.54	
150	32.12	33.79	
155	33.83	35.59	
160	35.82	37.67	
165	37.87	39.82	
170	39.84	41.88	
175	41.61	43.73	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	43.10	45.30	
185	44.27	46.53	
190	45.08	47.38	
195	45.51	47.83	
200	45.55	47.87	
205	45.20	47.50	
210	44.46	46.73	
215	43.36	45.58	
220	41.93	44.07	
225	40.21	42.27	
230	38.28	40.24	
235	36.23	38.10	
240	34.22	35.99	
245	32.43	34.11	
250	31.11	32.73	
255	30.52	32.11	
260	30.87	32.48	
265	32.28	33.96	
270	34.71	36.50	
275	38.00	39.96	
280	41.94	44.09	
285	46.32	48.68	
290	50.93	53.52	
295	55.62	58.44	
300	60.25	63.30	
305	64.72	67.98	
310	68.94	72.41	
315	72.85	76.52	
320	76.41	80.26	
325	79.60	83.61	
330	82.41	86.56	
335	84.85	89.11	
340	86.92	91.29	
345	88.65	93.10	
350	90.06	94.59	
355	91.19	95.77	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission