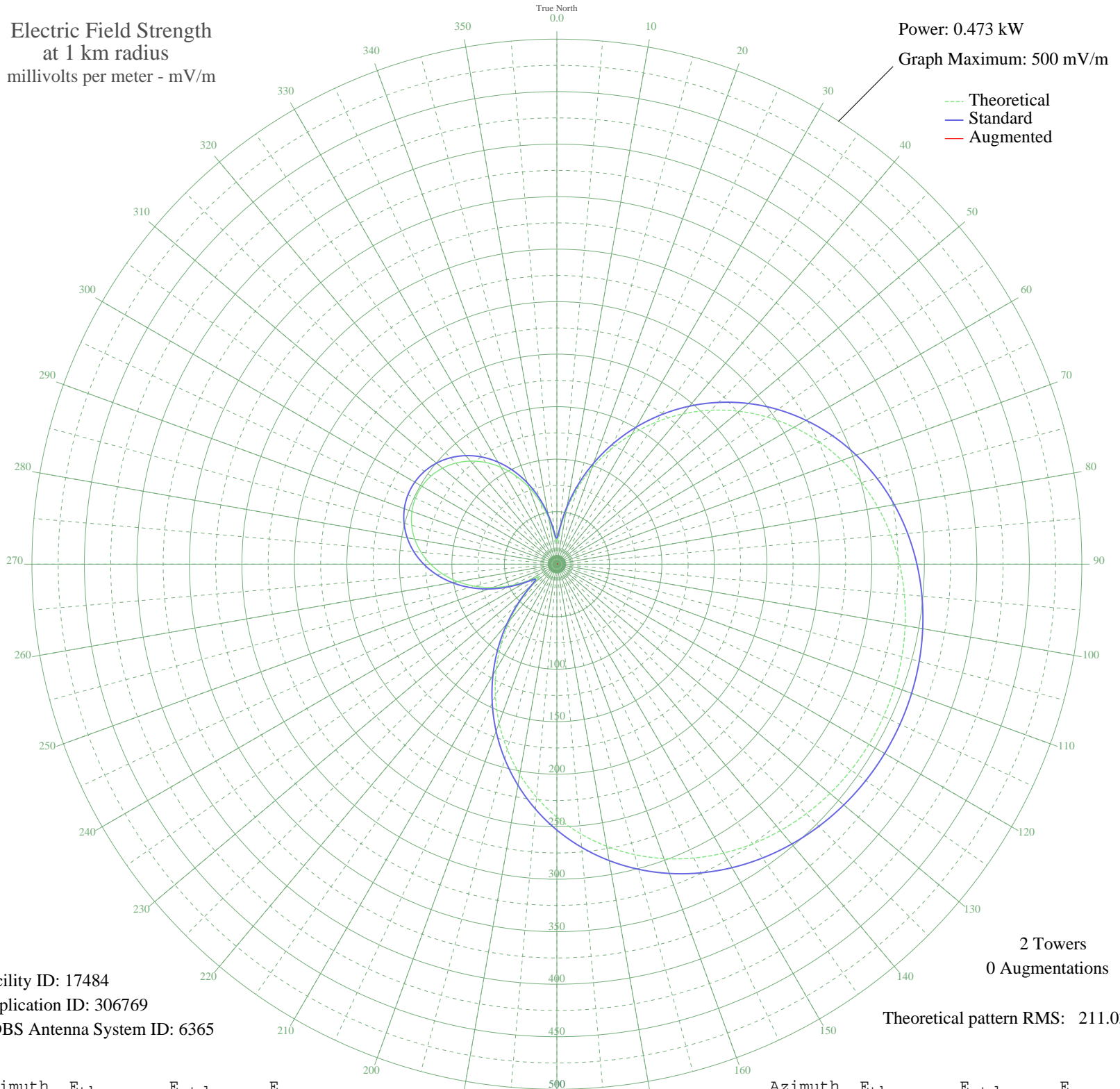


WHSC CONWAY, SC BL-- 1050 kHz

Nighttime

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

Power: 0.473 kW
Graph Maximum: 500 mV/m



Facility ID: 17484
Application ID: 306769
CDBS Antenna System ID: 6365

2 Towers
0 Augmentations

Theoretical pattern RMS: 211.03

Azimuth	E _{theo}	E _{std}	E _{aug}
0	21.32	24.73	
5	32.50	35.71	
10	52.13	55.73	
15	74.16	78.57	
20	97.03	102.42	
25	120.11	126.55	
30	142.96	150.48	
35	165.29	173.87	
40	186.80	196.42	
45	207.28	217.89	
50	226.52	238.08	
55	244.39	256.83	
60	260.77	274.01	
65	275.61	289.58	
70	288.86	303.48	
75	300.53	315.73	
80	310.65	326.35	
85	319.27	335.40	
90	326.47	342.95	
95	332.30	349.07	
100	336.84	353.83	
105	340.15	357.31	
110	342.29	359.56	
115	343.30	360.62	
120	343.19	360.50	
125	341.96	359.21	
130	339.58	356.72	
135	336.03	352.99	
140	331.24	347.96	
145	325.14	341.56	
150	317.67	333.71	
155	308.75	324.35	
160	298.32	313.41	
165	286.33	300.83	
170	272.77	286.60	
175	257.62	270.71	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	240.93	253.20	
185	222.78	234.15	
190	203.27	213.70	
195	182.58	191.99	
200	160.88	169.25	
205	138.43	145.73	
210	115.50	121.73	
215	92.43	97.61	
220	69.66	73.89	
225	47.93	51.41	
230	29.23	32.43	
235	21.28	24.68	
240	31.30	34.50	
245	47.85	51.32	
250	64.91	68.96	
255	81.07	85.77	
260	95.84	101.17	
265	108.97	114.90	
270	120.34	126.80	
275	129.87	136.76	
280	137.49	144.74	
285	143.18	150.70	
290	146.91	154.61	
295	148.68	156.47	
300	148.48	156.26	
305	146.32	153.99	
310	142.19	149.67	
315	136.12	143.31	
320	128.11	134.93	
325	118.22	124.57	
330	106.48	112.30	
335	93.01	98.22	
340	77.94	82.51	
345	61.55	65.47	
350	44.41	47.80	
355	28.40	31.61	

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