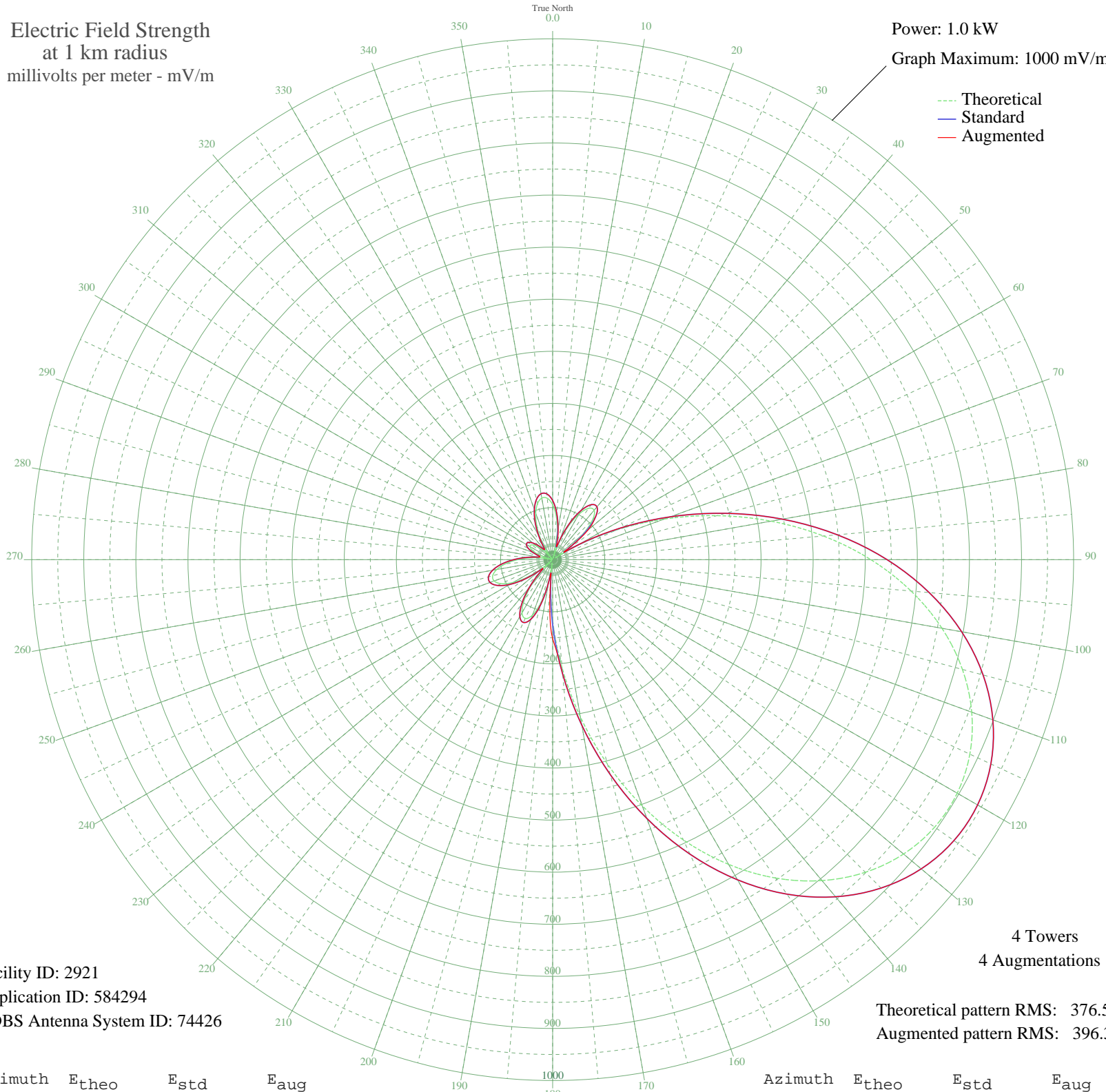


WKJV ASHEVILLE, NC BL-20011005ABW 1380 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 2921
Application ID: 584294
CDBS Antenna System ID: 74426

4 Towers
4 Augmentations

Theoretical pattern RMS: 376.59
Augmented pattern RMS: 396.37

Azimuth	E _{theo}	E _{std}	E _{aug}
0	105.55	113.54	113.54
5	82.08	89.65	89.65
10	49.46	57.49	61.01
15	10.55	27.04	30.84
20	30.69	40.59	40.59
25	69.53	77.07	77.07
30	100.99	108.87	108.87
35	120.35	128.76	128.76
40	123.77	132.28	132.28
45	108.65	116.72	116.72
50	73.96	81.48	88.77
55	20.30	32.61	32.61
60	50.23	58.23	59.28
65	134.34	143.19	144.01
70	227.92	240.59	240.59
75	326.55	343.77	343.77
80	425.83	447.80	447.80
85	521.76	548.40	548.40
90	610.93	641.95	641.95
95	690.64	725.59	725.59
100	758.90	797.22	797.22
105	814.33	855.40	855.40
110	856.06	899.20	899.20
115	883.60	928.11	928.11
120	896.69	941.85	941.85
125	895.23	940.32	940.32
130	879.24	923.53	923.53
135	848.84	891.62	891.62
140	804.31	844.89	844.89
145	746.24	783.94	783.94
150	675.56	709.77	709.77
155	593.77	623.95	623.95
160	503.01	528.74	528.74
165	406.12	427.14	427.14
170	306.64	322.91	322.91
175	208.66	220.48	220.48

Azimuth	E _{theo}	E _{std}	E _{aug}
180	116.62	124.91	151.89
185	34.92	44.19	52.36
190	32.47	42.08	42.08
195	82.46	90.03	90.03
200	113.23	121.42	121.42
205	124.51	133.04	133.04
210	117.65	125.97	125.97
215	95.52	103.29	103.29
220	62.20	69.81	69.81
225	22.48	34.14	34.14
230	18.65	31.50	31.50
235	56.59	64.34	64.34
240	87.57	95.21	95.21
245	108.98	117.06	117.06
250	119.51	127.89	127.89
255	119.13	127.50	127.50
260	108.91	116.99	116.99
265	90.77	98.45	98.45
270	67.15	74.70	74.70
275	40.76	49.40	49.40
280	14.27	28.86	28.86
285	9.90	26.77	26.77
290	29.68	39.75	39.75
295	43.49	51.90	51.90
300	50.26	58.26	58.26
305	49.50	57.54	57.54
310	41.26	49.86	49.86
315	26.16	36.92	36.92
320	5.36	25.31	25.31
325	19.45	32.03	32.03
330	46.13	54.36	54.36
335	72.18	79.71	79.71
340	94.92	102.67	102.67
345	111.66	119.81	119.81
350	120.04	128.44	128.44
355	118.30	126.64	126.64

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission