

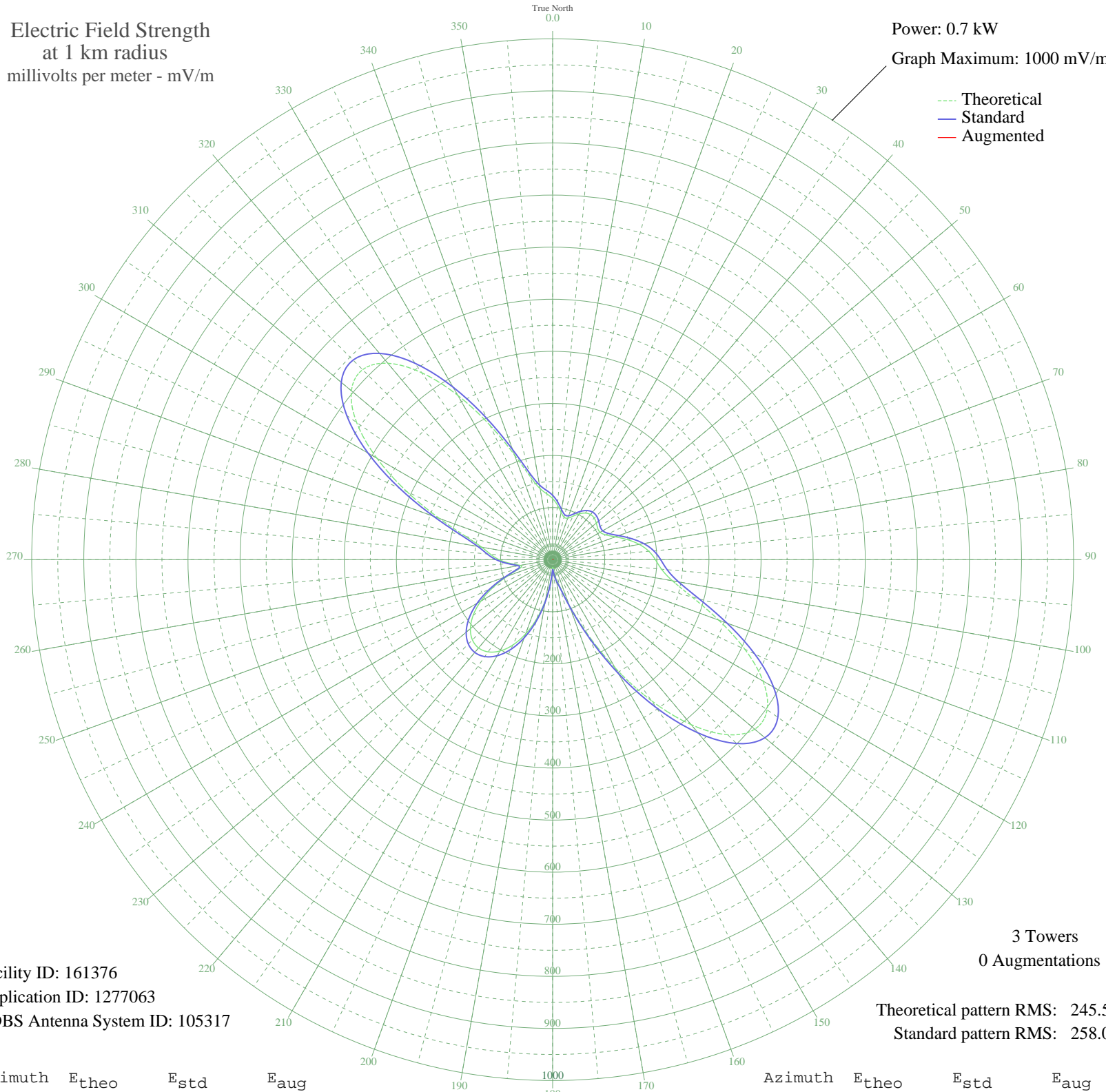
NEW ETTRICK, VA 3NP-20081107AAA 1570 kHz

Nighttime

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

Power: 0.7 kW

Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 161376
Application ID: 1277063
CDBS Antenna System ID: 105317

3 Towers
0 Augmentations

Theoretical pattern RMS: 245.53
Standard pattern RMS: 258.02

Azimuth	E _{theo}	E _{std}	E _{aug}
0	117.24	123.55	
5	105.22	110.98	
10	92.58	97.78	
15	84.50	89.34	
20	84.78	89.63	
25	91.99	97.16	
30	101.45	107.04	
35	109.18	115.12	
40	113.12	119.23	
45	112.83	118.94	
50	109.37	115.32	
55	105.41	111.18	
60	105.13	110.88	
65	112.48	118.57	
70	128.07	134.89	
75	148.51	156.29	
80	168.86	177.62	
85	185.28	194.83	
90	197.24	207.37	
95	209.81	220.55	
100	233.47	245.37	
105	277.12	291.17	
110	338.99	356.09	
115	407.21	427.70	
120	466.37	489.80	
125	502.54	527.77	
130	506.46	531.88	
135	475.36	499.24	
140	413.39	434.19	
145	330.52	347.20	
150	240.15	252.38	
155	156.36	164.52	
160	91.57	96.72	
165	54.07	57.74	
170	38.48	41.75	
175	25.15	28.42	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	15.05	18.97	
185	40.87	44.18	
190	78.25	82.83	
195	116.61	122.89	
200	151.68	159.61	
205	180.82	190.15	
210	202.54	212.93	
215	216.10	227.15	
220	221.22	232.52	
225	217.84	228.98	
230	206.08	216.63	
235	186.23	195.82	
240	159.08	167.36	
245	126.39	133.13	
250	92.14	97.32	
255	65.76	69.84	
260	63.20	67.18	
265	81.71	86.43	
270	102.84	108.49	
275	119.81	126.24	
280	138.47	145.77	
285	172.83	181.77	
290	231.41	243.21	
295	308.39	323.98	
300	389.62	409.24	
305	459.43	482.52	
310	504.39	529.71	
315	515.96	541.86	
320	492.23	516.95	
325	438.12	460.15	
330	364.24	382.59	
335	284.60	299.01	
340	213.97	224.92	
345	164.29	172.83	
350	138.39	145.69	
355	126.70	133.44	

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