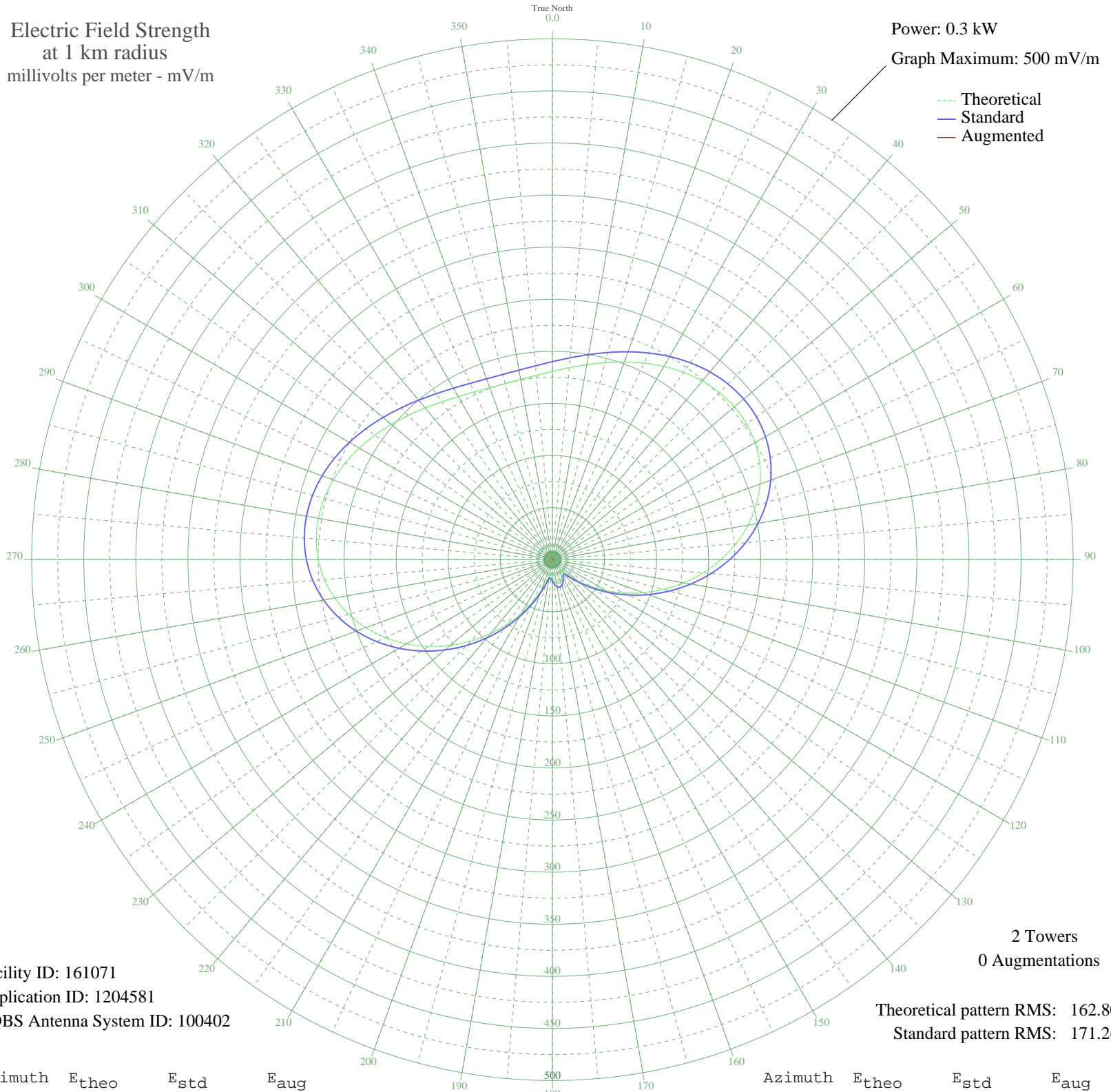


NEW MANY FARMS, AZ BNP-20051024ADB 1220 kHz

Nighttime

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

Power: 0.3 kW  
Graph Maximum: 500 mV/m



Facility ID: 161071  
Application ID: 1204581  
CDBS Antenna System ID: 100402

2 Towers  
0 Augmentations

Theoretical pattern RMS: 162.80  
Standard pattern RMS: 171.26

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	180.73	190.06	
5	184.94	194.47	
10	190.04	199.82	
15	195.81	205.87	
20	201.96	212.32	
25	208.20	218.86	
30	214.17	225.12	
35	219.51	230.72	
40	223.85	235.28	
45	226.84	238.42	
50	228.16	239.80	
55	227.52	239.13	
60	224.72	236.19	
65	219.62	230.85	
70	212.20	223.06	
75	202.50	212.89	
80	190.68	200.49	
85	176.98	186.13	
90	161.71	170.12	
95	145.25	152.87	
100	127.99	134.80	
105	110.37	116.37	
110	92.83	98.03	
115	75.76	80.24	
120	59.58	63.43	
125	44.68	48.07	
130	31.52	34.72	
135	20.84	24.27	
140	14.29	18.31	
145	13.79	17.88	
150	17.07	20.78	
155	20.63	24.07	
160	23.05	26.38	
165	23.89	27.19	
170	23.05	26.38	
175	20.63	24.07	

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 Feb 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	17.07	20.78	
185	13.79	17.88	
190	14.29	18.31	
195	20.84	24.27	
200	31.52	34.72	
205	44.68	48.07	
210	59.58	63.43	
215	75.76	80.24	
220	92.83	98.03	
225	110.37	116.37	
230	127.99	134.80	
235	145.25	152.87	
240	161.71	170.12	
245	176.98	186.13	
250	190.68	200.49	
255	202.50	212.89	
260	212.20	223.06	
265	219.62	230.85	
270	224.72	236.19	
275	227.52	239.13	
280	228.16	239.80	
285	226.84	238.42	
290	223.85	235.28	
295	219.51	230.72	
300	214.17	225.12	
305	208.20	218.86	
310	201.96	212.32	
315	195.81	205.87	
320	190.04	199.82	
325	184.94	194.47	
330	180.73	190.06	
335	177.60	186.78	
340	175.67	184.75	
345	175.01	184.07	
350	175.67	184.75	
355	177.60	186.78	