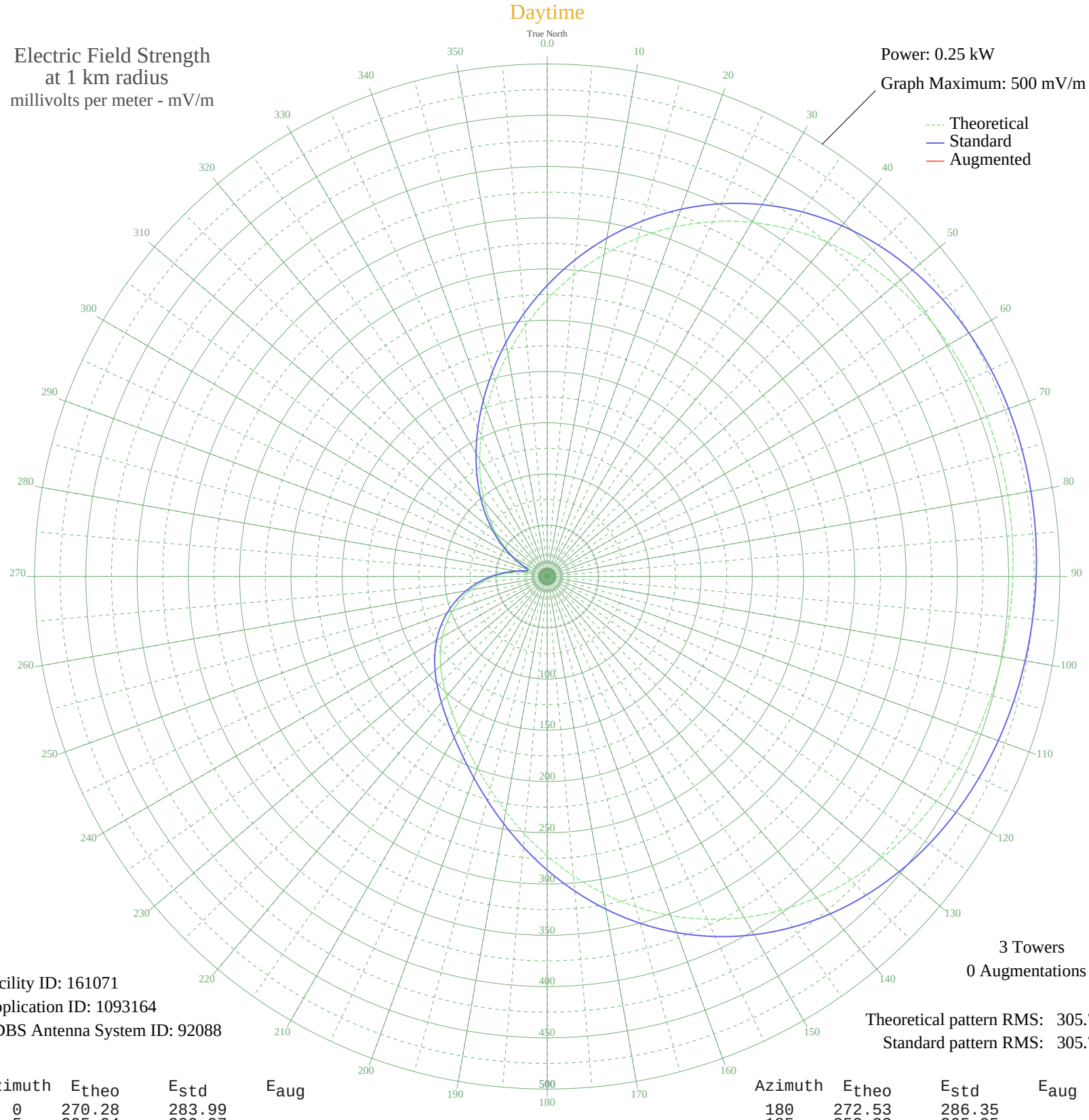
NEW MANY FARMS, AZ BNP-20051024ADB 1250 kHz

Daytime

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



Power: 0.25 kW

Graph Maximum: 500 mV/m

3 Towers
0 Augmentations

Facility ID: 161071
Application ID: 1093164
CDBS Antenna System ID: 92088

Theoretical pattern RMS: 305.77
Standard pattern RMS: 305.77

Azimuth	E_{theo}	E_{std}	E_{aug}
0	270.28	283.99	
5	295.04	309.97	
10	319.04	335.16	
15	341.81	359.05	
20	362.91	381.20	
25	382.00	401.24	
30	398.86	418.93	
35	413.34	434.13	
40	425.42	446.82	
45	435.18	457.06	
50	442.76	465.01	
55	448.37	470.91	
60	452.28	475.01	
65	454.74	477.60	
70	456.04	478.96	
75	456.43	479.37	
80	456.13	479.05	
85	455.31	478.19	
90	454.10	476.92	
95	452.56	475.31	
100	450.71	473.36	
105	448.49	471.03	
110	445.79	468.19	
115	442.45	464.69	
120	438.29	460.33	
125	433.09	454.86	
130	426.61	448.07	
135	418.65	439.71	
140	409.00	429.58	
145	397.53	417.54	
150	384.17	403.51	
155	368.92	387.51	
160	351.91	369.65	
165	333.37	350.20	
170	313.65	329.50	
175	293.19	308.03	

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.

06 Dec 2006

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	272.53	286.35	
185	252.23	265.05	
190	232.87	244.74	
195	214.94	225.94	
200	198.82	209.02	
205	184.66	194.18	
210	172.43	181.35	
215	161.86	170.27	
220	152.53	160.50	
225	143.94	151.50	
230	135.61	142.78	
235	127.13	133.90	
240	118.20	124.56	
245	108.64	114.55	
250	98.35	103.80	
255	87.37	92.34	
260	75.76	80.24	
265	63.66	67.66	
270	51.25	54.83	
275	38.85	42.12	
280	27.07	30.30	
285	17.90	21.53	
290	16.90	20.61	
295	25.24	28.51	
300	37.25	40.50	
305	50.60	54.16	
310	64.80	68.85	
315	79.85	84.50	
320	95.90	101.24	
325	113.16	119.28	
330	131.80	138.79	
335	151.93	159.87	
340	173.54	182.52	
345	196.49	206.58	
350	220.53	231.79	
355	245.28	257.75	