

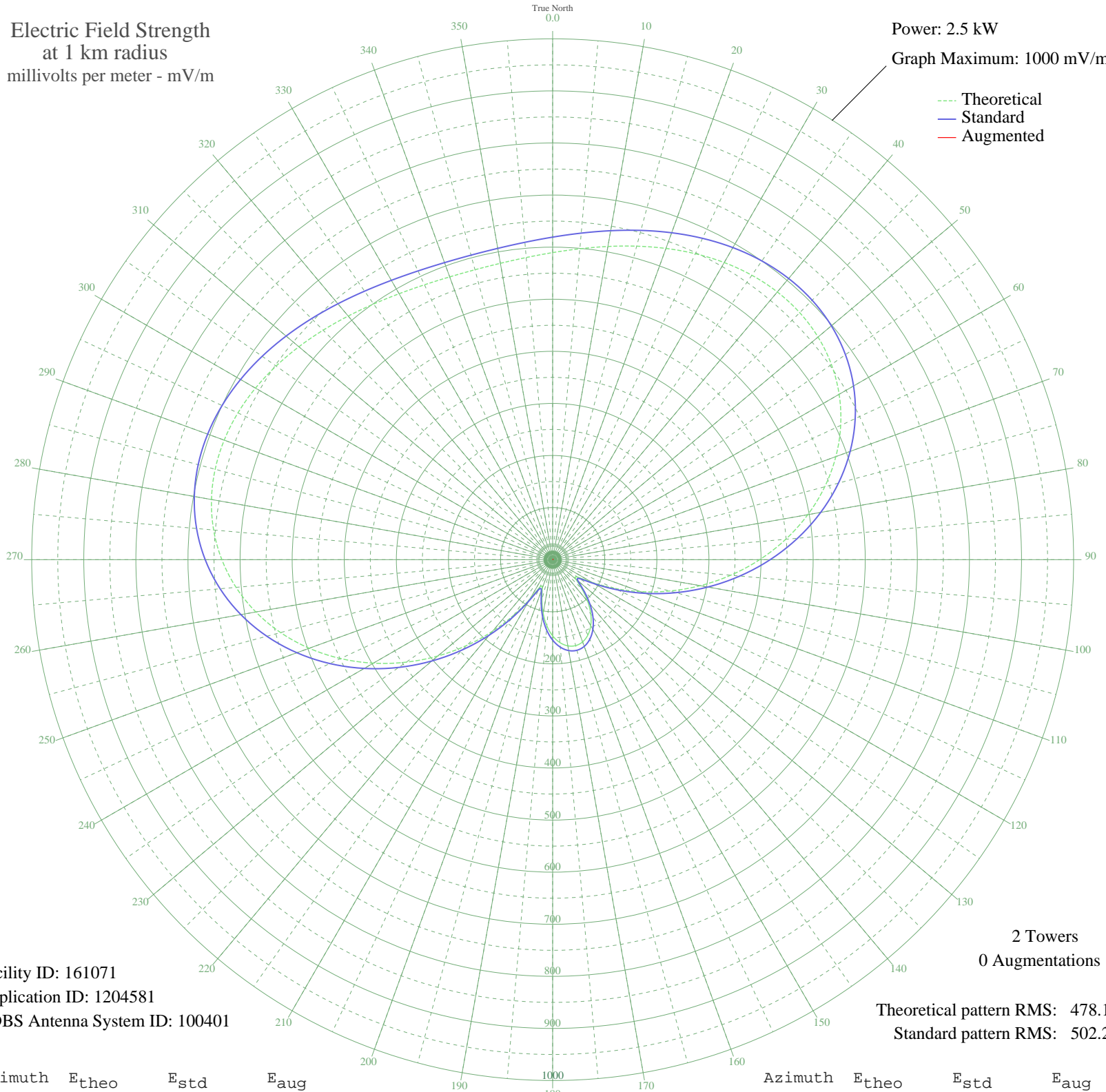
NEW MANY FARMS, AZ BNP-20051024ADB 1220 kHz

Daytime

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

Power: 2.5 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 161071
Application ID: 1204581
CDBS Antenna System ID: 100401

2 Towers
0 Augmentations

Theoretical pattern RMS: 478.10
Standard pattern RMS: 502.28

Azimuth	E _{theo}	E _{std}	E _{aug}
0	589.55	619.25	
5	599.16	629.33	
10	610.57	641.31	
15	623.09	654.45	
20	635.90	667.91	
25	648.10	680.71	
30	658.69	691.82	
35	666.64	700.17	
40	670.96	704.70	
45	670.69	704.42	
50	665.01	698.46	
55	653.26	686.13	
60	635.01	666.97	
65	610.07	640.78	
70	578.52	607.67	
75	540.73	568.01	
80	497.33	522.46	
85	449.20	471.95	
90	397.40	417.60	
95	343.15	360.69	
100	287.75	302.59	
105	232.61	244.81	
110	179.24	188.93	
115	129.50	136.98	
120	86.55	92.38	
125	58.33	63.45	
130	58.33	63.46	
135	79.42	85.03	
140	104.66	111.14	
145	127.60	135.00	
150	146.23	154.43	
155	159.82	168.63	
160	168.06	177.24	
165	170.81	180.12	
170	168.06	177.24	
175	159.82	168.63	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	146.23	154.43	
185	127.60	135.00	
190	104.66	111.14	
195	79.42	85.03	
200	58.33	63.46	
205	58.33	63.45	
210	86.55	92.38	
215	129.50	136.98	
220	179.24	188.93	
225	232.61	244.81	
230	287.75	302.59	
235	343.15	360.69	
240	397.40	417.60	
245	449.20	471.95	
250	497.33	522.46	
255	540.73	568.01	
260	578.52	607.67	
265	610.07	640.78	
270	635.01	666.97	
275	653.26	686.13	
280	665.01	698.46	
285	670.69	704.42	
290	670.96	704.70	
295	666.64	700.17	
300	658.69	691.82	
305	648.10	680.71	
310	635.90	667.91	
315	623.09	654.45	
320	610.57	641.31	
325	599.16	629.33	
330	589.55	619.25	
335	582.28	611.62	
340	577.77	606.88	
345	576.23	605.27	
350	577.77	606.88	
355	582.28	611.62	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission