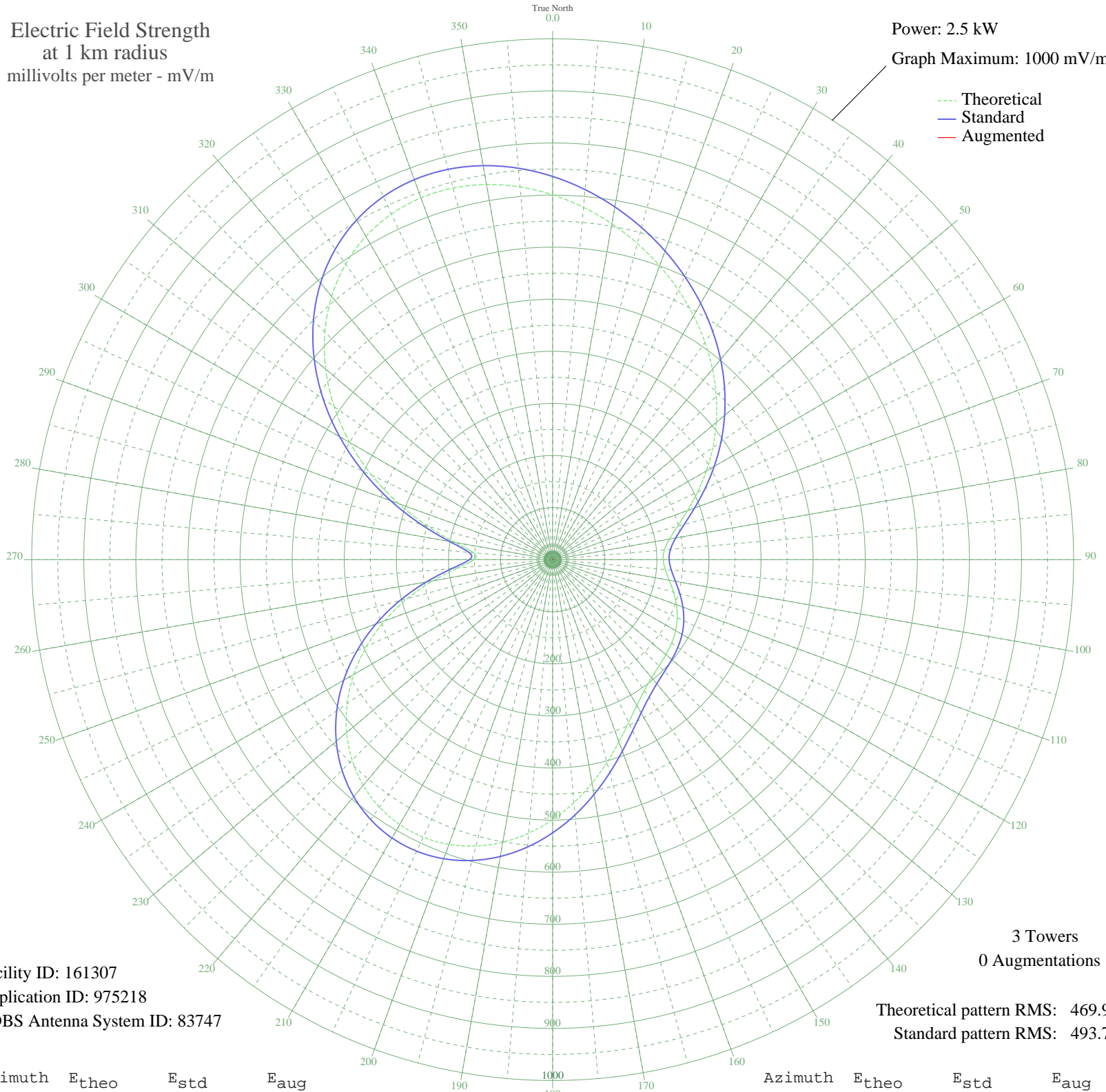


NEW MESILLA, NM BNP-20040130AFZ 670 kHz

Daytime

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

Power: 2.5 kW
Graph Maximum: 1000 mV/m



Facility ID: 161307
Application ID: 975218
CDBS Antenna System ID: 83747

3 Towers
0 Augmentations

Theoretical pattern RMS: 469.93
Standard pattern RMS: 493.77

Azimuth	E _{theo}	E _{std}	E _{aug}
0	700.51	735.76	
5	679.04	713.23	
10	654.74	687.72	
15	628.33	660.00	
20	600.35	630.63	
25	571.14	599.97	
30	540.88	568.21	
35	509.62	535.41	
40	477.36	501.56	
45	444.11	466.67	
50	409.98	430.87	
55	375.28	394.47	
60	340.59	358.08	
65	306.86	322.72	
70	275.51	289.86	
75	248.43	261.49	
80	227.80	239.89	
85	215.52	227.04	
90	212.30	223.66	
95	217.06	228.64	
100	227.27	239.33	
105	240.01	252.68	
110	252.79	266.06	
115	263.91	277.71	
120	272.58	286.79	
125	278.88	293.39	
130	283.71	298.46	
135	288.66	303.64	
140	295.68	311.00	
145	306.70	322.55	
150	323.04	339.68	
155	345.08	362.80	
160	372.18	391.21	
165	402.92	423.46	
170	435.55	457.69	
175	468.22	491.97	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	499.24	524.52	
185	527.16	553.82	
190	550.79	578.61	
195	569.20	597.94	
200	581.72	611.08	
205	587.86	617.52	
210	587.29	616.93	
215	579.86	609.13	
220	565.49	594.05	
225	544.22	571.72	
230	516.17	542.29	
235	481.57	505.98	
240	440.79	463.19	
245	394.37	414.49	
250	343.19	360.81	
255	288.71	303.70	
260	233.67	246.03	
265	183.74	193.79	
270	151.04	159.63	
275	152.67	161.34	
280	190.23	200.57	
285	248.24	261.29	
290	314.51	330.74	
295	382.72	402.27	
300	449.29	472.11	
305	511.84	537.75	
310	568.61	597.32	
315	618.26	649.43	
320	659.84	693.08	
325	692.79	727.65	
330	716.86	752.93	
335	732.20	769.03	
340	739.23	776.41	
345	738.64	775.79	
350	731.32	768.11	
355	718.27	754.40	

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 Mar 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission