

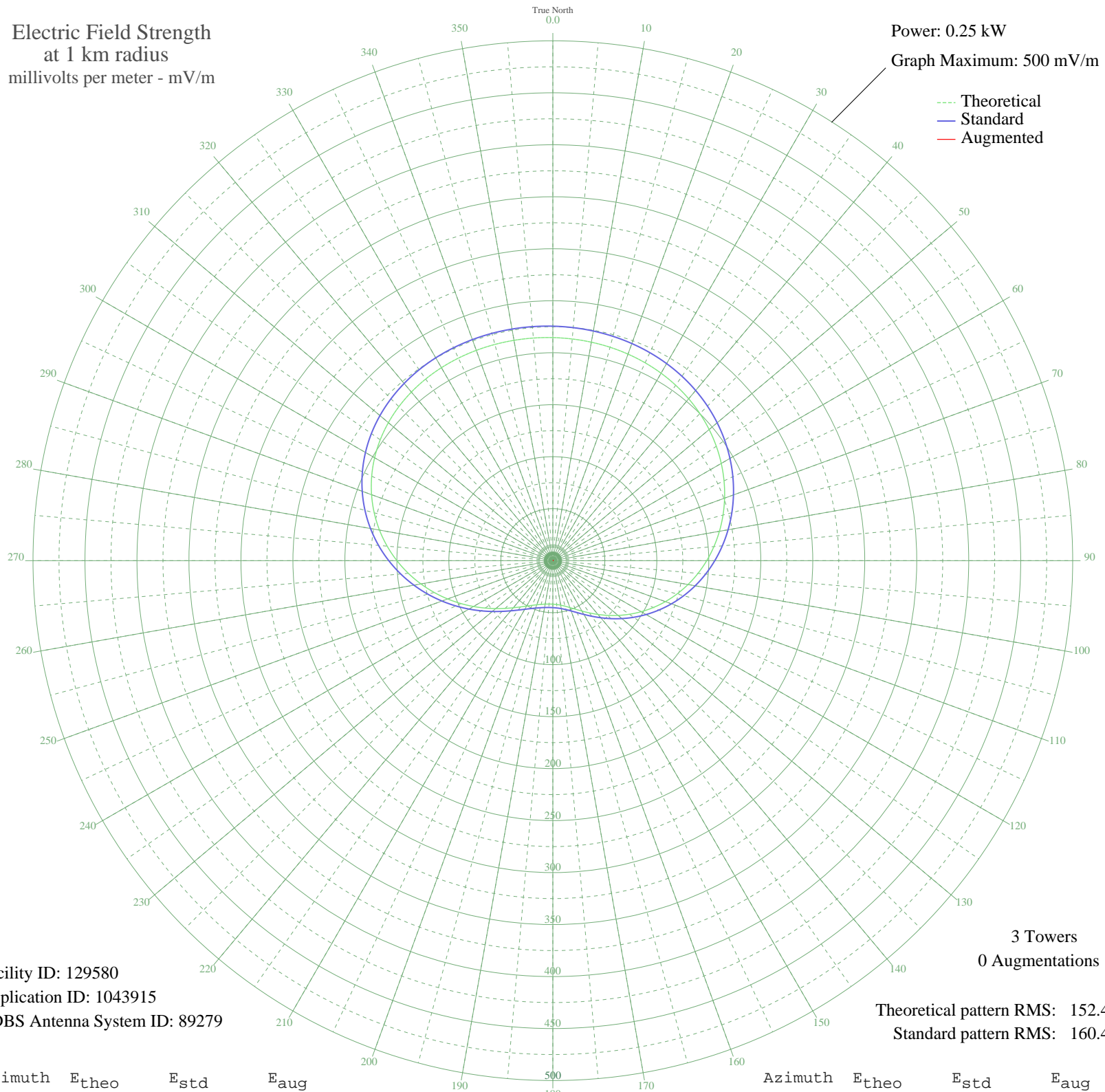
NONE CASA GRANDE, AZ BNP-20001023ADB 650 kHz

Daytime

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

Power: 0.25 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 129580  
Application ID: 1043915  
CDBS Antenna System ID: 89279

3 Towers  
0 Augmentations

Theoretical pattern RMS: 152.40  
Standard pattern RMS: 160.40

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	214.54	225.51	
5	214.03	224.98	
10	213.37	224.28	
15	212.51	223.38	
20	211.41	222.22	
25	209.99	220.74	
30	208.20	218.86	
35	205.98	216.53	
40	203.26	213.69	
45	200.03	210.30	
50	196.25	206.33	
55	191.93	201.80	
60	187.06	196.69	
65	181.67	191.04	
70	175.79	184.88	
75	169.46	178.24	
80	162.69	171.15	
85	155.53	163.64	
90	148.00	155.76	
95	140.15	147.53	
100	132.02	139.02	
105	123.67	130.28	
110	115.18	121.39	
115	106.63	112.46	
120	98.15	103.59	
125	89.86	94.94	
130	81.90	86.63	
135	74.40	78.82	
140	67.50	71.65	
145	61.33	65.24	
150	55.98	59.71	
155	51.53	55.11	
160	47.98	51.46	
165	45.32	48.73	
170	43.47	46.84	
175	42.35	45.69	

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 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	41.84	45.17	
185	41.89	45.22	
190	42.44	45.78	
195	43.51	46.88	
200	45.14	48.55	
205	47.43	50.89	
210	50.45	54.00	
215	54.32	58.00	
220	59.12	62.96	
225	64.91	68.96	
230	71.70	76.02	
235	79.47	84.10	
240	88.13	93.14	
245	97.58	103.00	
250	107.64	113.51	
255	118.14	124.49	
260	128.84	135.69	
265	139.52	146.88	
270	149.97	157.82	
275	159.96	168.29	
280	169.32	178.09	
285	177.88	187.07	
290	185.54	195.10	
295	192.24	202.13	
300	197.95	208.11	
305	202.68	213.08	
310	206.50	217.08	
315	209.46	220.19	
320	211.68	222.52	
325	213.26	224.17	
330	214.31	225.27	
335	214.94	225.94	
340	215.25	226.26	
345	215.31	226.32	
350	215.19	226.19	
355	214.93	225.92	