

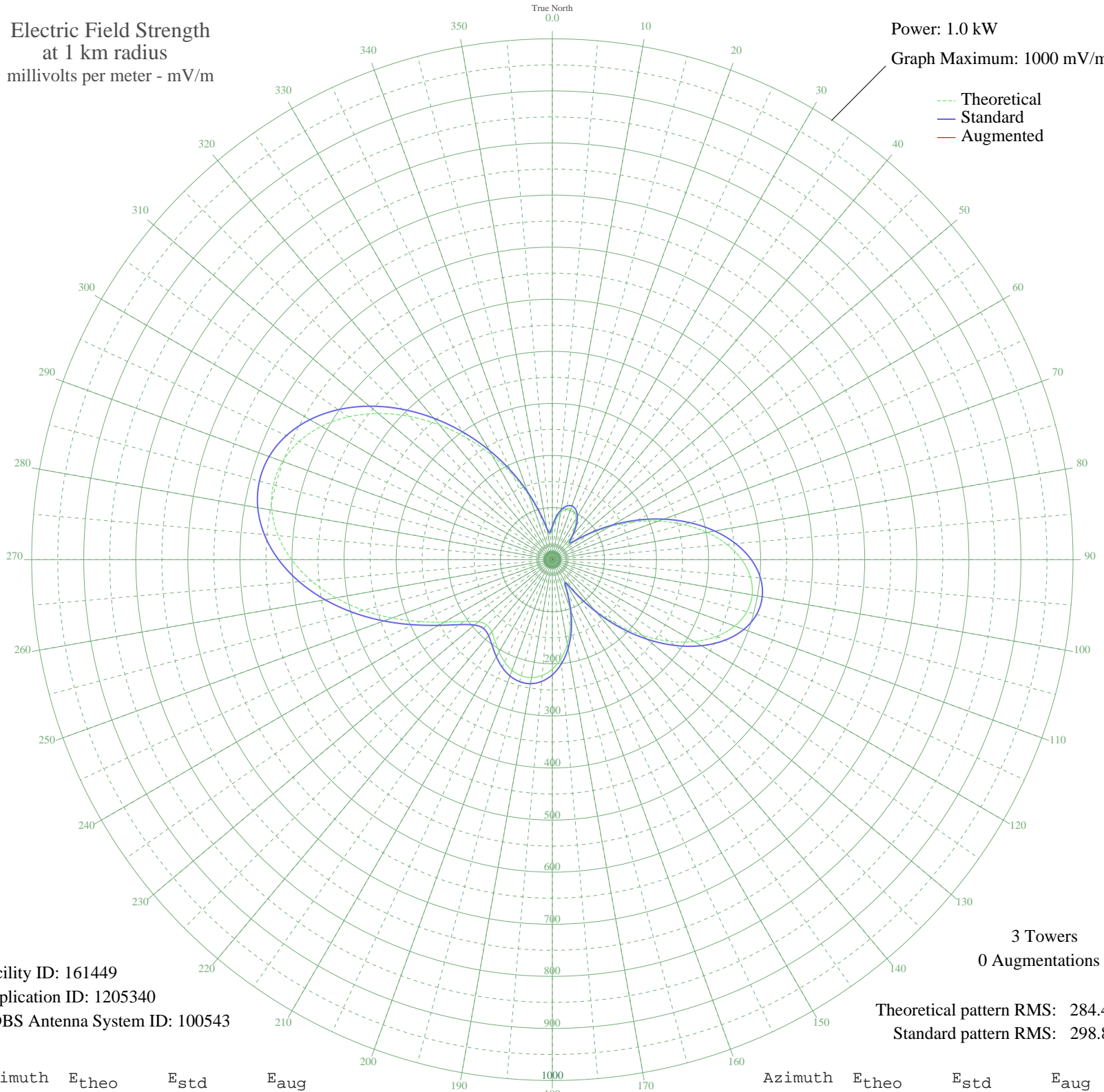
NEW REDDING, CA BNP-20070926ALO 600 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 161449
Application ID: 1205340
CDBS Antenna System ID: 100543

3 Towers
0 Augmentations
Theoretical pattern RMS: 284.46
Standard pattern RMS: 298.87

Azimuth	E _{theo}	E _{std}	E _{aug}
0	60.16	64.03	
5	77.28	81.82	
10	91.78	96.94	
15	101.03	106.60	
20	104.08	109.79	
25	100.63	106.18	
30	90.80	95.92	
35	75.35	79.82	
40	56.72	60.47	
45	43.47	46.83	
50	53.35	56.99	
55	84.82	89.68	
60	125.71	132.42	
65	170.54	179.38	
70	216.34	227.40	
75	260.72	273.96	
80	301.45	316.70	
85	336.43	353.41	
90	363.78	382.11	
95	381.93	401.16	
100	389.76	409.39	
105	386.68	406.15	
110	372.66	391.44	
115	348.27	365.83	
120	314.60	330.49	
125	273.21	287.06	
130	226.05	237.59	
135	175.41	184.48	
140	124.07	130.69	
145	76.61	81.13	
150	47.45	50.92	
155	62.21	66.16	
160	97.72	103.14	
165	133.57	140.64	
170	165.08	173.65	
175	190.83	200.64	

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.

12 Feb 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	210.28	221.04	
185	223.29	234.69	
190	230.00	241.72	
195	230.72	242.49	
200	226.04	237.58	
205	216.87	227.96	
210	204.63	215.12	
215	191.56	201.42	
220	181.09	190.43	
225	177.69	186.87	
230	185.69	195.26	
235	206.92	217.52	
240	239.92	252.13	
245	281.38	295.63	
250	327.68	344.23	
255	375.54	394.46	
260	422.02	443.24	
265	464.51	487.85	
270	500.73	525.87	
275	528.74	555.27	
280	547.05	574.50	
285	554.68	582.51	
290	551.19	578.84	
295	536.71	563.65	
300	511.94	537.64	
305	478.01	502.02	
310	436.44	458.39	
315	389.02	408.61	
320	337.65	354.69	
325	284.27	298.67	
330	230.77	242.54	
335	178.99	188.24	
340	130.85	137.79	
345	88.87	93.91	
350	58.12	61.92	
355	48.63	52.13	