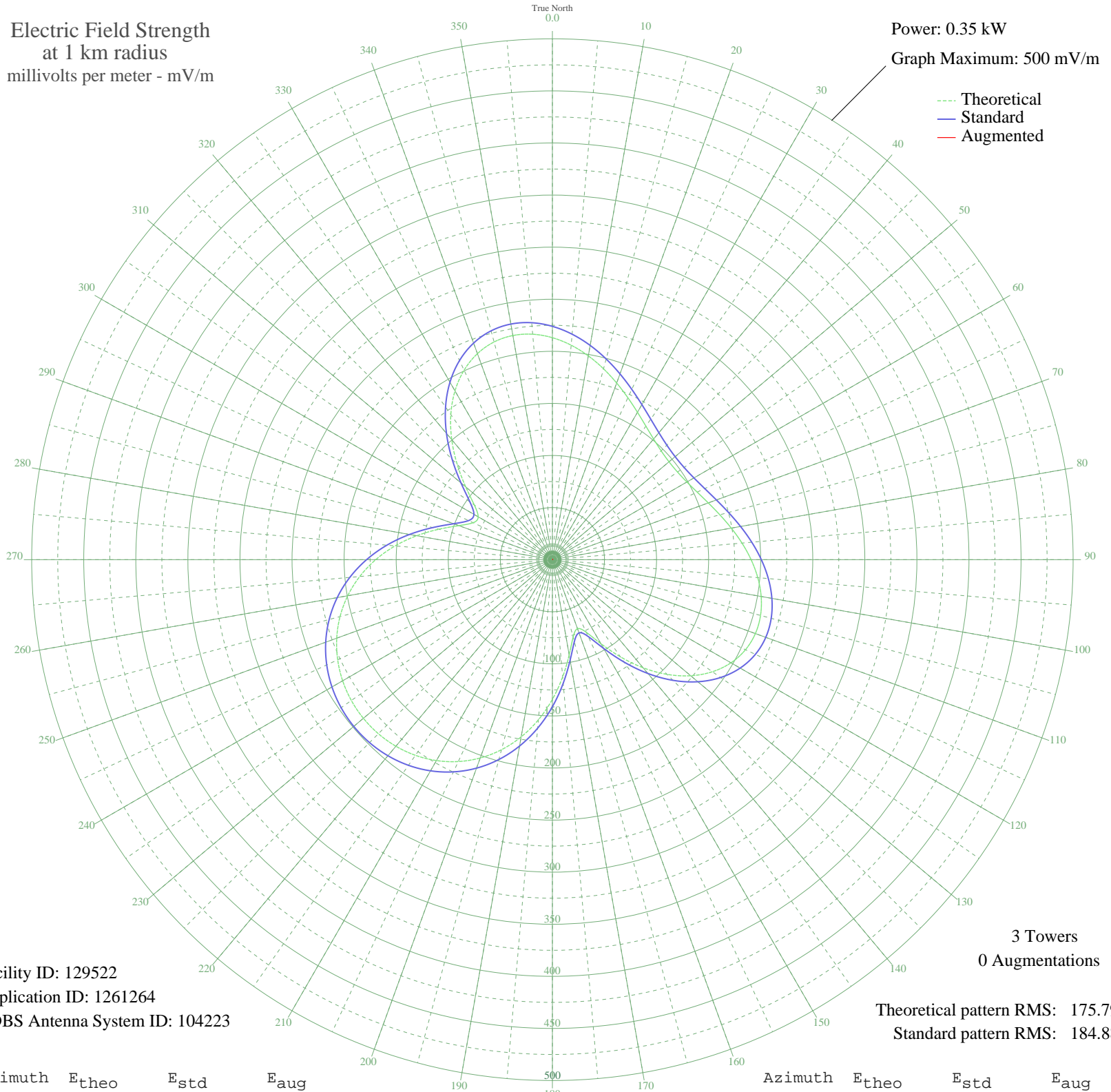


# WXNH JAFFREY, NH BMP-20080214AHR 540 kHz

Nighttime

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

Power: 0.35 kW  
Graph Maximum: 500 mV/m



Facility ID: 129522  
Application ID: 1261264  
CDBS Antenna System ID: 104223

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 175.79  
Standard pattern RMS: 184.88

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	213.10	224.00	
5	206.68	217.27	
10	198.66	208.85	
15	189.70	199.46	
20	180.45	189.76	
25	171.50	180.38	
30	163.37	171.86	
35	156.49	164.65	
40	151.19	159.09	
45	147.70	155.44	
50	146.18	153.84	
55	146.66	154.35	
60	149.12	156.93	
65	153.41	161.42	
70	159.29	167.58	
75	166.43	175.07	
80	174.42	183.44	
85	182.74	192.17	
90	190.80	200.62	
95	197.97	208.13	
100	203.56	213.99	
105	206.91	217.51	
110	207.42	218.05	
115	204.58	215.06	
120	198.01	208.18	
125	187.58	197.24	
130	173.35	182.32	
135	155.73	163.85	
140	135.47	142.63	
145	113.87	120.03	
150	93.10	98.32	
155	76.88	81.40	
160	70.49	74.76	
165	76.89	81.42	
170	92.78	97.99	
175	112.98	119.09	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	134.10	141.19	
185	154.33	162.39	
190	172.75	181.69	
195	188.91	198.63	
200	202.61	213.00	
205	213.84	224.78	
210	222.70	234.07	
215	229.30	240.99	
220	233.80	245.71	
225	236.31	248.35	
230	236.93	248.99	
235	235.68	247.69	
240	232.56	244.41	
245	227.50	239.10	
250	220.38	231.64	
255	211.10	221.91	
260	199.56	209.80	
265	185.72	195.28	
270	169.64	178.44	
275	151.63	159.56	
280	132.31	139.32	
285	112.87	118.98	
290	95.53	100.86	
295	83.94	88.76	
300	82.25	87.00	
305	91.56	96.71	
310	108.63	114.54	
315	129.24	136.11	
320	150.37	158.24	
325	170.06	178.87	
330	187.08	196.71	
335	200.68	210.98	
340	210.47	221.25	
345	216.36	227.42	
350	218.50	229.66	
355	217.24	228.34	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission