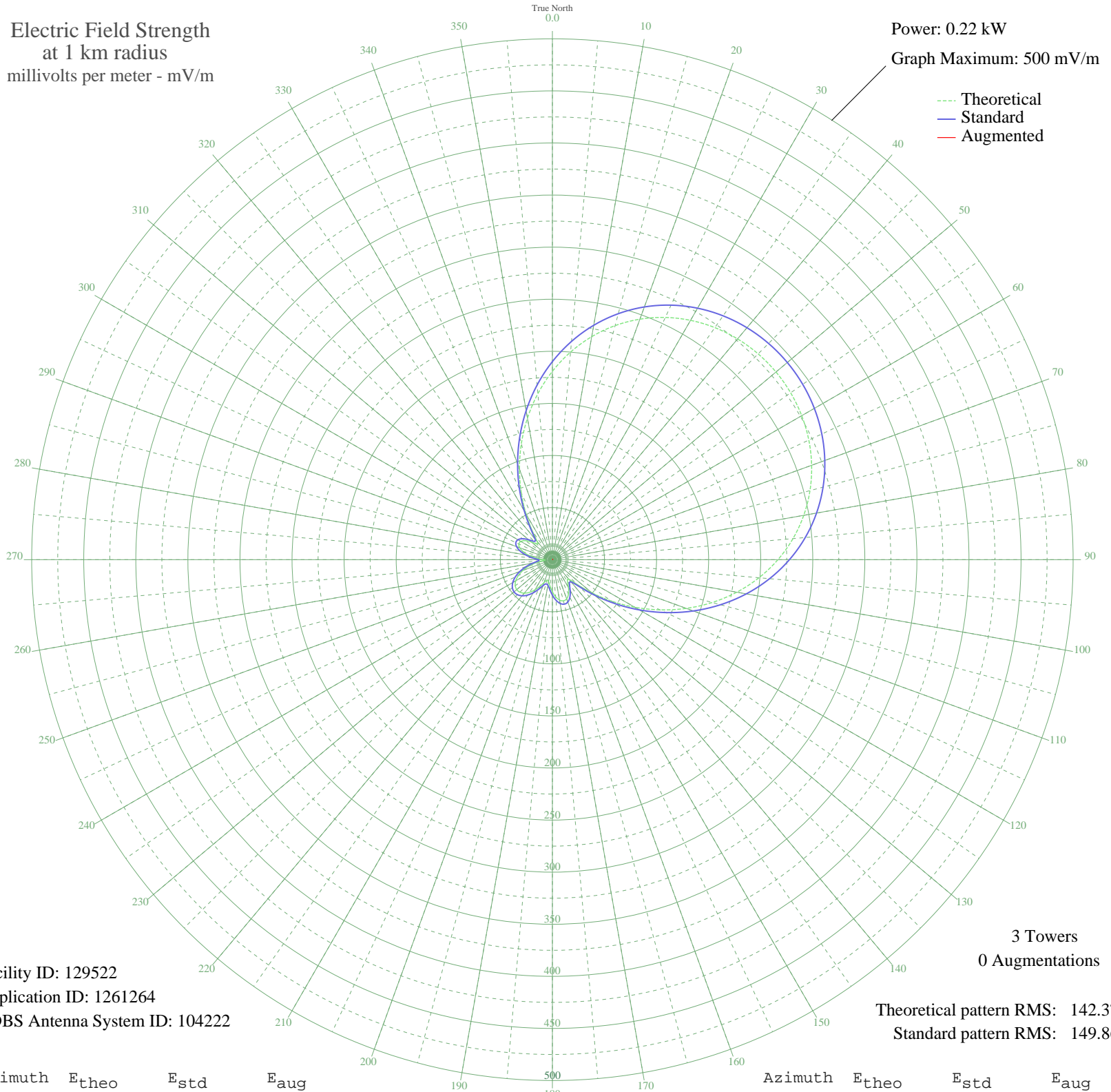


WXNH JAFFREY, NH BMP-20080214AHR 540 kHz

Daytime

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

Power: 0.22 kW
Graph Maximum: 500 mV/m



Facility ID: 129522
Application ID: 1261264
CDBS Antenna System ID: 104222

3 Towers
0 Augmentations

Theoretical pattern RMS: 142.37
Standard pattern RMS: 149.86

Azimuth	E _{theo}	E _{std}	E _{aug}
0	180.81	190.14	
5	200.04	210.31	
10	217.37	228.48	
15	232.61	244.46	
20	245.67	258.17	
25	256.55	269.59	
30	265.29	278.75	
35	271.96	285.75	
40	276.63	290.65	
45	279.38	293.54	
50	280.26	294.46	
55	279.28	293.44	
60	276.43	290.45	
65	271.66	285.44	
70	264.90	278.34	
75	256.06	269.07	
80	245.08	257.54	
85	231.91	243.73	
90	216.56	227.63	
95	199.13	209.35	
100	179.80	189.08	
105	158.87	167.14	
110	136.76	143.98	
115	114.01	120.17	
120	91.31	96.45	
125	69.48	73.71	
130	49.63	53.16	
135	33.52	36.73	
140	24.51	27.79	
145	25.17	28.44	
150	30.89	34.09	
155	36.49	39.73	
160	39.99	43.29	
165	40.92	44.23	
170	39.38	42.66	
175	35.78	39.01	

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	30.83	34.03	
185	25.54	28.80	
190	21.49	24.89	
195	20.55	24.00	
200	23.26	26.58	
205	28.12	31.33	
210	33.46	36.67	
215	38.27	41.53	
220	41.95	45.28	
225	44.16	47.54	
230	44.72	48.11	
235	43.54	46.91	
240	40.63	43.94	
245	36.09	39.32	
250	30.08	33.28	
255	22.90	26.24	
260	15.06	18.98	
265	8.06	13.49	
270	8.22	13.59	
275	15.15	19.06	
280	22.57	25.92	
285	28.89	32.10	
290	33.37	36.58	
295	35.52	38.75	
300	35.02	38.24	
305	31.81	35.01	
310	26.48	29.72	
315	21.37	24.78	
320	22.51	25.87	
325	33.39	36.60	
330	50.38	53.93	
335	70.58	74.84	
340	92.52	97.71	
345	115.23	121.45	
350	137.93	145.21	
355	159.97	168.30	