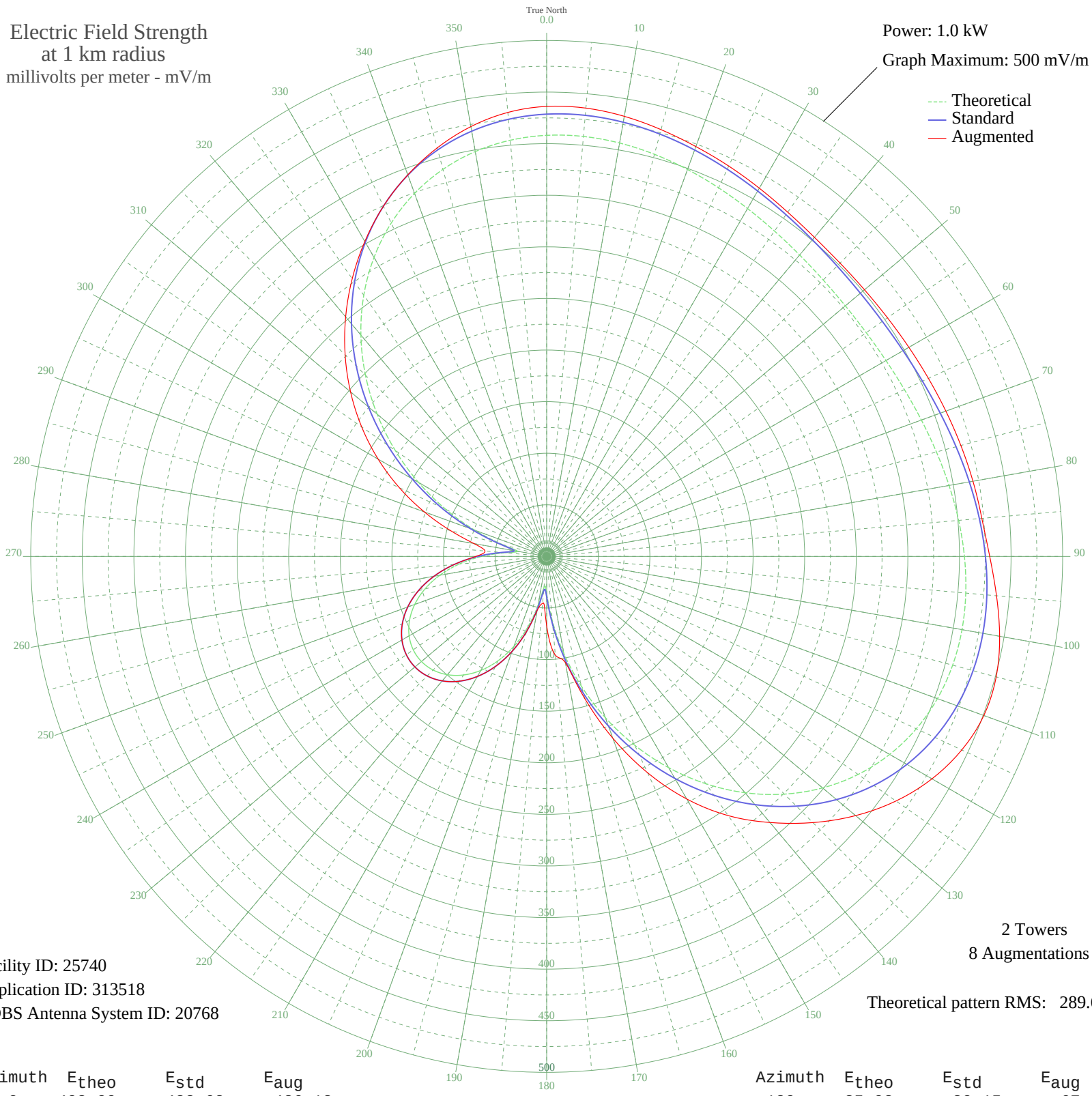
WSYB RUTLAND, VT BL-- 1380 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
8 Augmentations

Facility ID: 25740
Application ID: 313518
CDBS Antenna System ID: 20768

Theoretical pattern RMS: 289.68

Azimuth	E_{theo}	E_{std}	E_{aug}
0	408.09	428.62	436.13
5	408.56	429.11	436.13
10	406.82	427.29	433.10
15	403.46	423.76	428.20
20	399.05	419.13	422.69
25	394.16	414.00	417.42
30	389.30	408.90	412.08
35	384.91	404.29	407.23
40	381.36	400.56	403.67
45	378.93	398.01	402.01
50	377.80	396.83	402.02
55	378.05	397.09	403.16
60	379.66	398.78	405.28
65	382.52	401.78	408.18
70	386.41	405.86	411.67
75	391.01	410.70	415.51
80	395.94	415.87	419.46
85	400.72	420.89	423.29
90	404.82	425.19	429.34
95	407.66	428.18	437.58
100	408.67	429.24	445.70
105	407.28	427.77	450.98
110	402.94	423.22	450.81
115	395.23	415.12	443.81
120	383.78	403.11	431.12
125	368.41	386.97	413.25
130	349.04	366.64	390.80
135	325.80	342.25	364.82
140	298.96	314.08	336.65
145	268.96	282.60	306.67
150	236.37	248.41	271.49
155	201.89	212.24	231.32
160	166.29	174.92	187.57
165	130.44	137.36	142.66
170	95.35	100.66	104.44
175	62.51	66.47	96.06

Azimuth	E_{theo}	E_{std}	E_{aug}
180	35.92	39.15	67.36
185	30.15	33.36	45.64
190	48.24	51.72	53.13
195	71.08	75.37	75.37
200	92.67	97.87	97.87
205	111.66	117.71	117.71
210	127.58	134.37	134.37
215	140.27	147.65	147.65
220	149.65	157.48	157.48
225	155.70	163.82	163.82
230	158.43	166.68	166.68
235	157.83	166.05	166.05
240	153.90	161.94	161.94
245	146.65	154.34	154.34
250	136.08	143.27	143.27
255	122.22	128.76	128.76
260	105.16	110.92	110.92
265	85.16	90.03	90.03
270	62.87	66.84	68.65
275	40.49	43.79	59.95
280	28.54	31.76	71.48
285	44.21	47.60	96.33
290	73.93	78.33	126.24
295	107.82	113.69	157.50
300	143.31	150.84	188.59
305	179.18	188.43	218.89
310	214.47	225.44	248.13
315	248.36	260.99	276.21
320	280.09	294.28	303.06
325	309.01	324.63	328.54
330	334.60	351.49	352.44
335	356.47	374.44	374.44
340	374.40	393.26	393.51
345	388.35	407.90	409.89
350	398.42	418.47	423.00
355	404.87	425.25	431.93

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.

04 Jul 2009

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