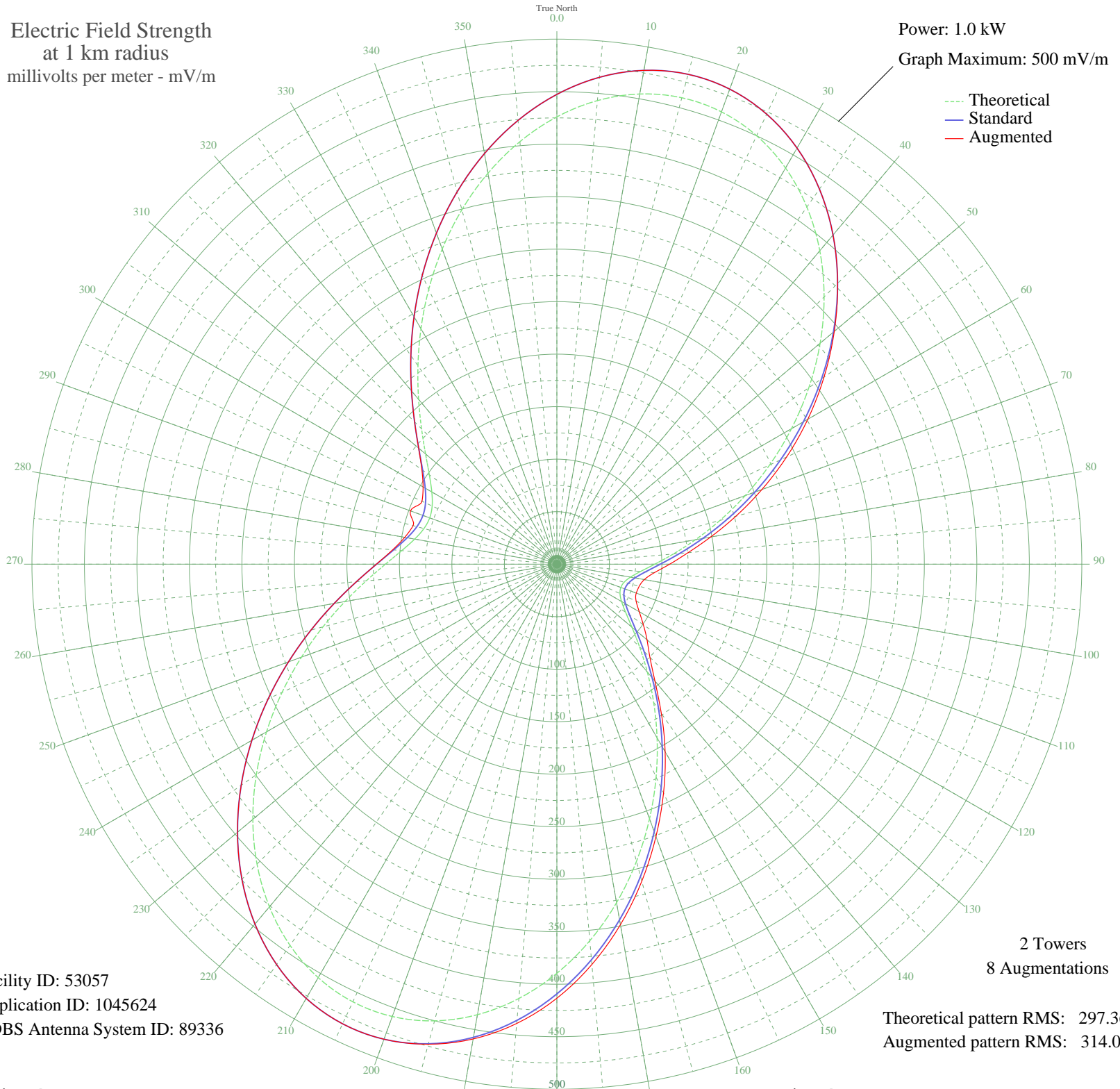


WAKE VALPARAISO, IN BL-20050103AJU 1500 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 53057
Application ID: 1045624
CDBS Antenna System ID: 89336

Theoretical pattern RMS: 297.36
Augmented pattern RMS: 314.01

Azimuth	E _{theo}	E _{std}	E _{aug}
0	425.95	447.38	447.38
5	443.15	465.42	465.42
10	454.65	477.50	477.50
15	459.84	482.95	482.95
20	458.38	481.41	481.41
25	450.23	472.85	472.85
30	435.64	457.54	457.54
35	415.17	436.05	436.05
40	389.61	409.23	409.23
45	359.96	378.11	378.23
50	327.35	343.88	344.98
55	292.96	307.79	310.67
60	258.01	271.11	276.00
65	223.63	235.04	241.40
70	190.89	200.71	207.80
75	160.74	169.10	176.53
80	134.01	141.10	148.65
85	111.36	117.40	125.39
90	93.28	98.51	107.48
95	79.95	84.60	93.13
100	71.16	75.46	84.59
105	66.34	70.44	81.19
110	64.82	68.87	80.47
115	66.34	70.44	83.28
120	71.16	75.46	90.61
125	79.95	84.60	100.54
130	93.28	98.51	112.11
135	111.36	117.40	125.31
140	134.01	141.10	145.30
145	160.74	169.10	173.47
150	190.89	200.71	206.23
155	223.63	235.04	240.40
160	258.01	271.11	275.97
165	292.96	307.79	312.53
170	327.35	343.88	348.58
175	359.96	378.11	382.66

Azimuth	E _{theo}	E _{std}	E _{aug}
180	389.61	409.23	413.35
185	415.17	436.05	439.05
190	435.64	457.54	459.12
195	450.23	472.85	473.29
200	458.38	481.41	481.41
205	459.84	482.95	482.95
210	454.65	477.50	477.50
215	443.15	465.42	465.42
220	425.95	447.38	447.38
225	403.91	424.24	424.24
230	378.04	397.08	397.08
235	349.45	367.08	367.08
240	319.32	335.45	335.45
245	288.78	303.41	303.41
250	258.91	272.06	272.06
255	230.68	242.44	242.44
260	204.90	215.41	215.41
265	182.27	191.67	191.67
270	163.29	171.77	171.87
275	148.31	156.08	157.01
280	137.54	144.80	147.15
285	131.07	138.03	141.72
290	128.92	135.77	148.46
295	131.07	138.03	141.72
300	137.54	144.80	147.15
305	148.31	156.08	157.01
310	163.29	171.77	171.87
315	182.27	191.67	191.67
320	204.90	215.41	215.41
325	230.68	242.44	242.44
330	258.92	272.06	272.06
335	288.78	303.41	303.41
340	319.32	335.45	335.45
345	349.45	367.08	367.08
350	378.04	397.08	397.08
355	403.91	424.24	424.24

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission