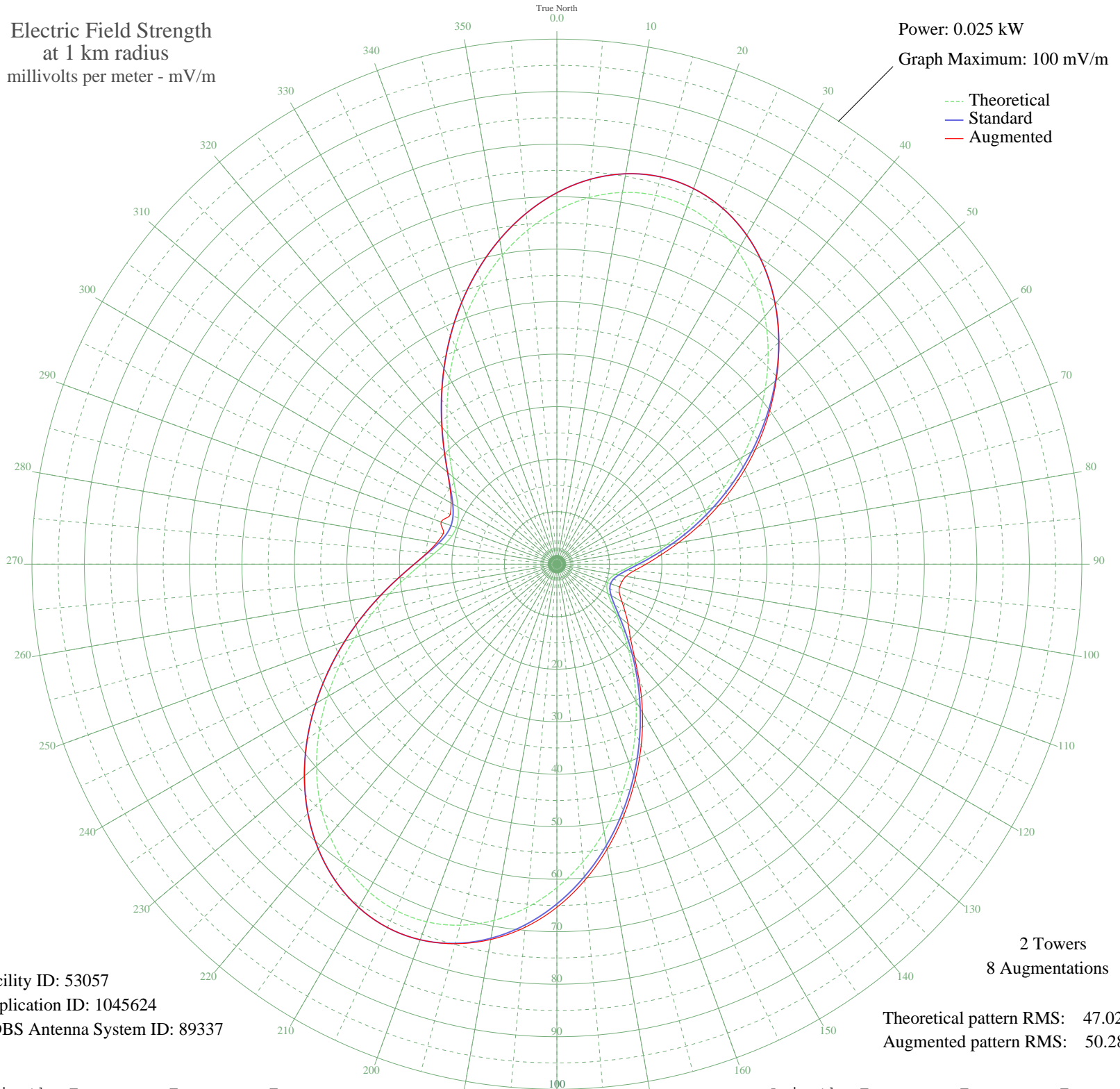


WAKE VALPARAISO, IN 4L-20050103AJU 1500 kHz

Nighttime

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

Power: 0.025 kW
Graph Maximum: 100 mV/m



Facility ID: 53057
Application ID: 1045624
CDBS Antenna System ID: 89337

Theoretical pattern RMS: 47.02
Augmented pattern RMS: 50.28

Azimuth	E _{theo}	E _{std}	E _{aug}
0	67.35	70.74	70.74
5	70.07	73.59	73.59
10	71.89	75.50	75.50
15	72.71	76.37	76.37
20	72.48	76.12	76.12
25	71.19	74.77	74.77
30	68.89	72.35	72.35
35	65.65	68.95	68.95
40	61.61	64.71	64.71
45	56.92	59.79	59.81
50	51.76	54.38	54.55
55	46.32	48.67	49.12
60	40.80	42.87	43.64
65	35.36	37.17	38.17
70	30.18	31.74	32.86
75	25.42	26.74	27.91
80	21.19	22.31	23.50
85	17.61	18.56	19.83
90	14.75	15.58	16.99
95	12.64	13.38	14.72
100	11.25	11.93	13.37
105	10.49	11.14	12.83
110	10.25	10.89	12.72
115	10.49	11.14	13.16
120	11.25	11.93	14.32
125	12.64	13.38	15.89
130	14.75	15.58	17.72
135	17.61	18.56	19.81
140	21.19	22.31	22.97
145	25.42	26.74	27.43
150	30.18	31.74	32.61
155	35.36	37.17	38.01
160	40.80	42.87	43.63
165	46.32	48.67	49.41
170	51.76	54.38	55.11
175	56.92	59.79	60.50

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	61.61	64.71	65.35
185	65.65	68.95	69.42
190	68.89	72.35	72.59
195	71.19	74.77	74.84
200	72.48	76.12	76.12
205	72.71	76.37	76.37
210	71.89	75.50	75.50
215	70.07	73.59	73.59
220	67.35	70.74	70.74
225	63.87	67.08	67.08
230	59.78	62.79	62.79
235	55.26	58.04	58.04
240	50.49	53.04	53.04
245	45.66	47.98	47.98
250	40.94	43.02	43.02
255	36.48	38.34	38.34
260	32.40	34.06	34.06
265	28.82	30.31	30.31
270	25.82	27.16	27.18
275	23.45	24.68	24.83
280	21.75	22.90	23.27
285	20.73	21.83	22.41
290	20.39	21.47	23.47
295	20.73	21.83	22.41
300	21.75	22.90	23.27
305	23.45	24.68	24.83
310	25.82	27.16	27.18
315	28.82	30.31	30.31
320	32.40	34.06	34.06
325	36.48	38.34	38.34
330	40.94	43.02	43.02
335	45.66	47.98	47.98
340	50.49	53.04	53.04
345	55.26	58.04	58.04
350	59.78	62.79	62.79
355	63.87	67.08	67.08