

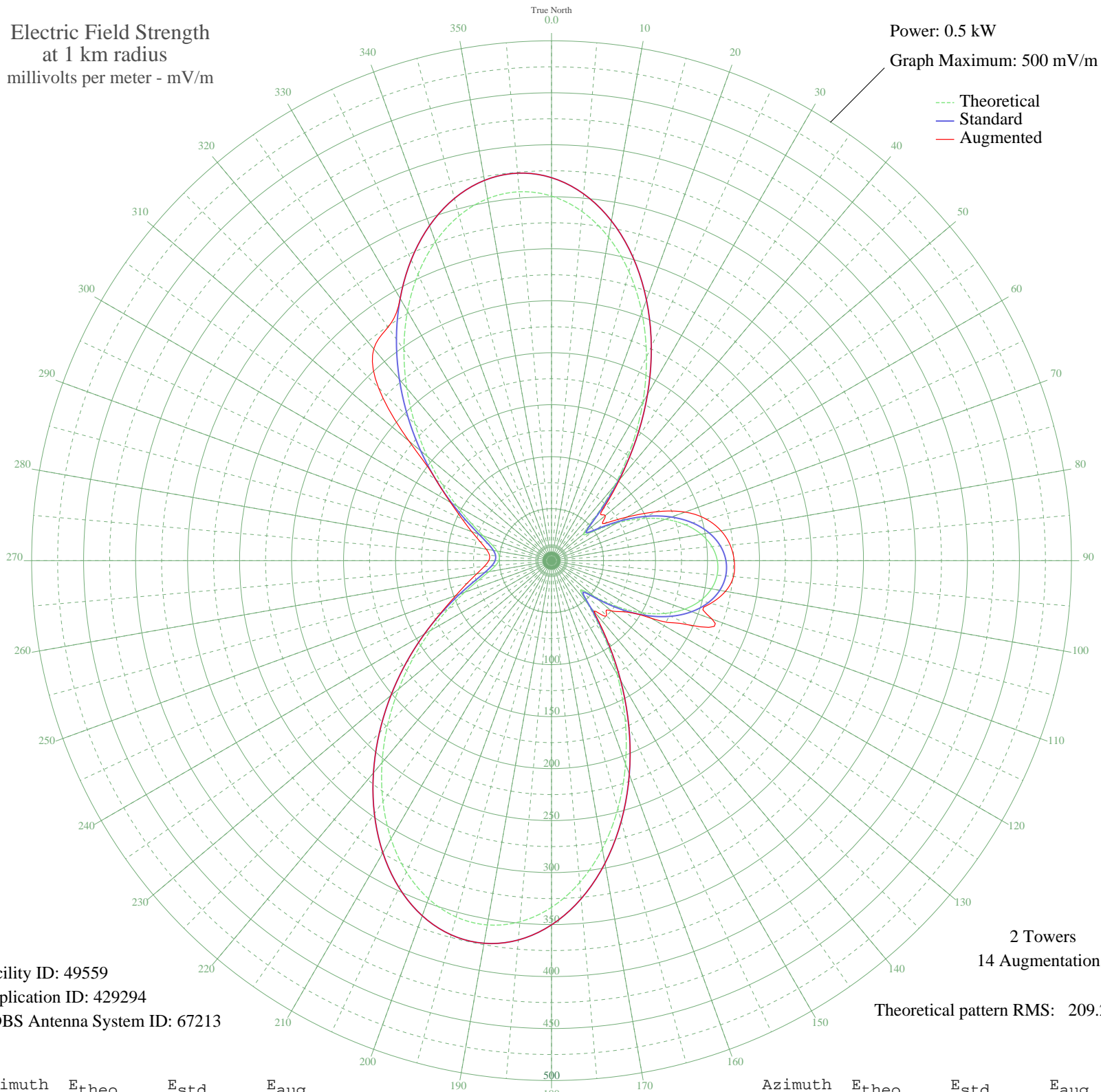
# WKAM GOSHEN, IN BL-- 1460 kHz

Nighttime

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

Power: 0.5 kW

Graph Maximum: 500 mV/m



Facility ID: 49559  
Application ID: 429294  
CDBS Antenna System ID: 67213

2 Towers  
14 Augmentations  
Theoretical pattern RMS: 209.21

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	350.68	368.36	368.36
5	337.11	354.12	354.12
10	315.85	331.81	331.81
15	287.75	302.32	302.32
20	253.99	266.89	266.89
25	216.02	227.06	227.06
30	175.50	184.58	184.58
35	134.26	141.36	141.36
40	94.46	99.74	101.78
45	59.71	63.57	69.73
50	40.07	43.36	67.51
55	49.06	52.57	62.36
60	72.04	76.36	83.94
65	95.65	100.98	111.29
70	116.42	122.69	136.63
75	133.37	140.43	154.12
80	146.22	153.89	165.56
85	154.91	162.99	172.46
90	159.45	167.75	175.72
95	159.86	168.18	175.69
100	156.15	164.29	169.85
105	148.29	156.06	158.58
110	136.27	143.47	164.26
115	120.13	126.57	146.58
120	100.08	105.61	110.80
125	76.89	81.41	85.85
130	53.21	56.85	75.13
135	39.60	42.89	74.91
140	54.02	57.69	63.52
145	86.93	91.88	93.28
150	126.10	132.83	132.83
155	167.25	175.93	175.93
160	208.06	218.72	218.72
165	246.68	259.22	259.22
170	281.41	295.66	295.66
175	310.75	326.45	326.45

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	333.45	350.28	350.28
185	348.61	366.19	366.19
190	355.72	373.65	373.65
195	354.73	372.61	372.61
200	346.01	363.46	363.46
205	330.33	347.01	347.01
210	308.80	324.41	324.41
215	282.73	297.05	297.05
220	253.56	266.44	266.44
225	222.77	234.14	234.14
230	191.76	201.62	201.62
235	161.83	170.24	170.24
240	134.10	141.19	141.19
245	109.53	115.48	116.53
250	88.89	93.92	97.90
255	72.71	77.07	84.06
260	61.21	65.12	73.07
265	54.10	57.77	65.04
270	50.72	54.28	60.36
275	50.43	53.98	59.91
280	53.15	56.79	63.81
285	59.45	63.30	71.22
290	70.04	74.29	81.65
295	85.28	90.16	94.83
300	105.07	110.82	112.33
305	128.90	135.76	135.79
310	156.07	164.21	178.98
315	185.65	195.21	235.39
320	216.54	227.61	265.92
325	247.48	260.07	274.13
330	277.09	291.14	291.14
335	303.90	319.27	319.27
340	326.46	342.94	342.94
345	343.40	360.72	360.72
350	353.58	371.41	371.41
355	356.16	374.12	374.12