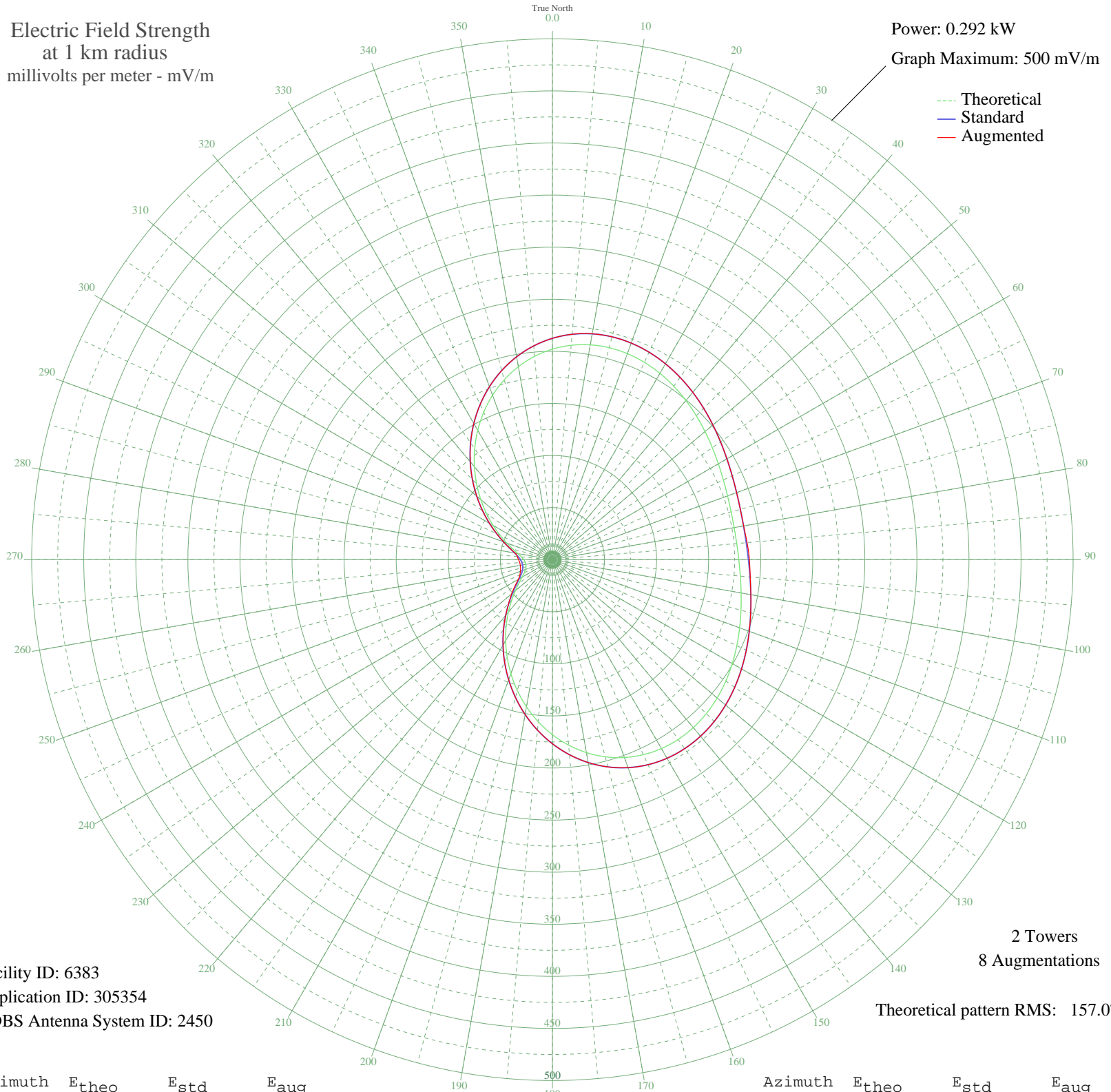


# KIDR PHOENIX, AZ BL-- 740 kHz

Nighttime

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

Power: 0.292 kW  
Graph Maximum: 500 mV/m



Facility ID: 6383  
Application ID: 305354  
CDBS Antenna System ID: 2450

2 Towers  
8 Augmentations  
Theoretical pattern RMS: 157.07

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	202.10	212.46	212.46
5	206.59	217.18	217.18
10	209.42	220.14	220.14
15	210.66	221.45	221.45
20	210.46	221.24	221.24
25	209.01	219.71	219.71
30	206.52	217.10	217.10
35	203.25	213.67	213.67
40	199.46	209.69	209.69
45	195.40	205.44	205.44
50	191.32	201.16	201.16
55	187.45	197.11	197.11
60	184.00	193.49	193.49
65	181.13	190.48	190.48
70	178.99	188.23	188.23
75	177.66	186.84	186.84
80	177.21	186.37	186.47
85	177.66	186.84	187.66
90	178.99	188.23	189.16
95	181.13	190.48	190.69
100	184.00	193.49	193.49
105	187.45	197.11	197.11
110	191.32	201.16	201.16
115	195.40	205.44	205.44
120	199.46	209.69	209.69
125	203.25	213.67	213.67
130	206.52	217.10	217.10
135	209.01	219.71	219.71
140	210.46	221.24	221.24
145	210.66	221.45	221.45
150	209.42	220.14	220.14
155	206.59	217.18	217.18
160	202.10	212.46	212.46
165	195.91	205.97	205.97
170	188.08	197.76	197.76
175	178.71	187.94	187.94

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.

26 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	167.98	176.70	176.70
185	156.11	164.25	164.25
190	143.37	150.90	150.90
195	130.04	136.95	136.95
200	116.45	122.72	122.72
205	102.91	108.57	108.57
210	89.74	94.81	94.81
215	77.24	81.78	81.78
220	65.68	69.76	69.76
225	55.34	59.05	59.29
230	46.44	49.88	51.08
235	39.17	42.45	43.74
240	33.63	36.84	37.80
245	29.79	33.00	34.39
250	27.43	30.66	32.75
255	26.22	29.46	31.64
260	25.86	29.11	31.30
265	26.22	29.46	31.47
270	27.43	30.66	32.60
275	29.79	33.00	33.68
280	33.63	36.84	36.40
285	39.17	42.45	42.25
290	46.44	49.88	49.88
295	55.34	59.05	59.05
300	65.68	69.76	69.76
305	77.24	81.78	81.78
310	89.74	94.81	94.81
315	102.91	108.57	108.57
320	116.45	122.72	122.72
325	130.04	136.95	136.95
330	143.37	150.90	150.90
335	156.11	164.26	164.26
340	167.98	176.70	176.70
345	178.71	187.94	187.94
350	188.08	197.76	197.76
355	195.91	205.97	205.97