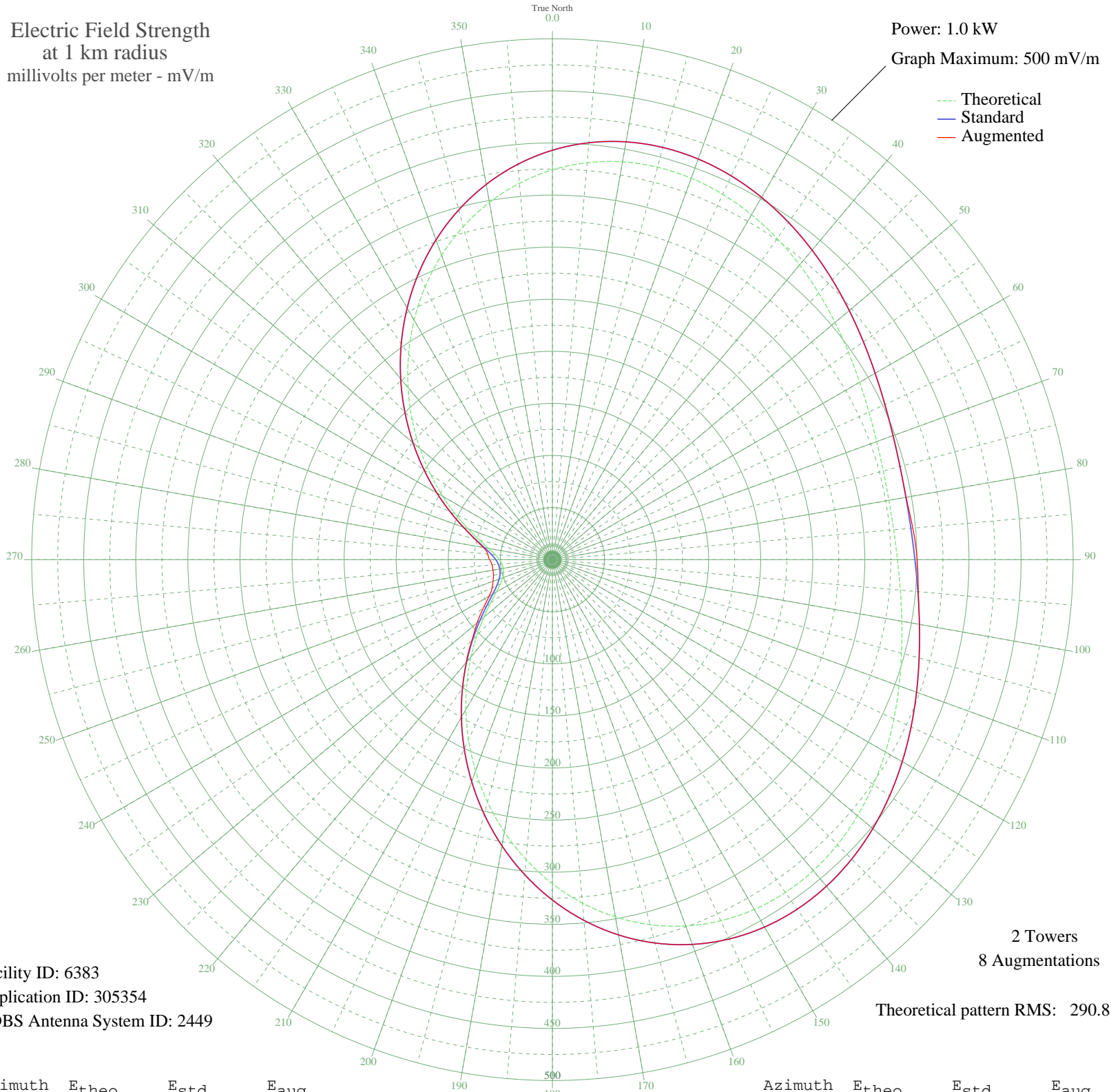


# KIDR PHOENIX, AZ BL-- 740 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 6383  
Application ID: 305354  
CDBS Antenna System ID: 2449

2 Towers  
8 Augmentations  
Theoretical pattern RMS: 290.81

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	374.18	393.02	393.02
5	382.50	401.76	401.76
10	387.74	407.26	407.26
15	390.04	409.67	409.67
20	389.67	409.29	409.29
25	386.97	406.46	406.46
30	382.37	401.63	401.63
35	376.32	395.27	395.27
40	369.29	387.90	387.90
45	361.77	380.01	380.01
50	354.22	372.08	372.08
55	347.06	364.57	364.57
60	340.67	357.86	357.86
65	335.36	352.29	352.29
70	331.39	348.12	348.12
75	328.93	345.54	345.54
80	328.10	344.66	344.89
85	328.93	345.54	347.41
90	331.39	348.12	350.23
95	335.36	352.29	352.76
100	340.67	357.86	357.86
105	347.06	364.57	364.57
110	354.22	372.08	372.08
115	361.77	380.01	380.01
120	369.29	387.90	387.90
125	376.32	395.27	395.27
130	382.37	401.63	401.63
135	386.97	406.46	406.46
140	389.67	409.29	409.29
145	390.04	409.67	409.67
150	387.74	407.26	407.26
155	382.50	401.76	401.76
160	374.18	393.02	393.02
165	362.72	381.00	381.00
170	348.22	365.79	365.79
175	330.88	347.59	347.59

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	311.02	326.74	326.74
185	289.04	303.67	303.67
190	265.44	278.91	278.91
195	240.77	253.02	253.02
200	215.60	226.63	226.63
205	190.54	200.34	200.34
210	166.15	174.78	174.78
215	143.00	150.52	150.52
220	121.61	128.12	128.77
225	102.46	108.09	109.23
230	85.98	90.89	94.42
235	72.52	76.86	80.95
240	62.27	66.22	70.07
245	55.16	58.86	63.73
250	50.79	54.35	60.62
255	48.54	52.04	58.57
260	47.87	51.35	57.94
265	48.54	52.04	58.16
270	50.79	54.35	60.35
275	55.16	58.86	62.32
280	62.27	66.22	67.35
285	72.52	76.86	77.35
290	85.98	90.89	90.89
295	102.46	108.09	108.09
300	121.61	128.12	128.12
305	143.00	150.52	150.52
310	166.15	174.78	174.78
315	190.54	200.34	200.34
320	215.60	226.63	226.63
325	240.77	253.02	253.02
330	265.44	278.91	278.91
335	289.04	303.67	303.67
340	311.02	326.74	326.74
345	330.88	347.59	347.59
350	348.22	365.79	365.79
355	362.72	381.00	381.00