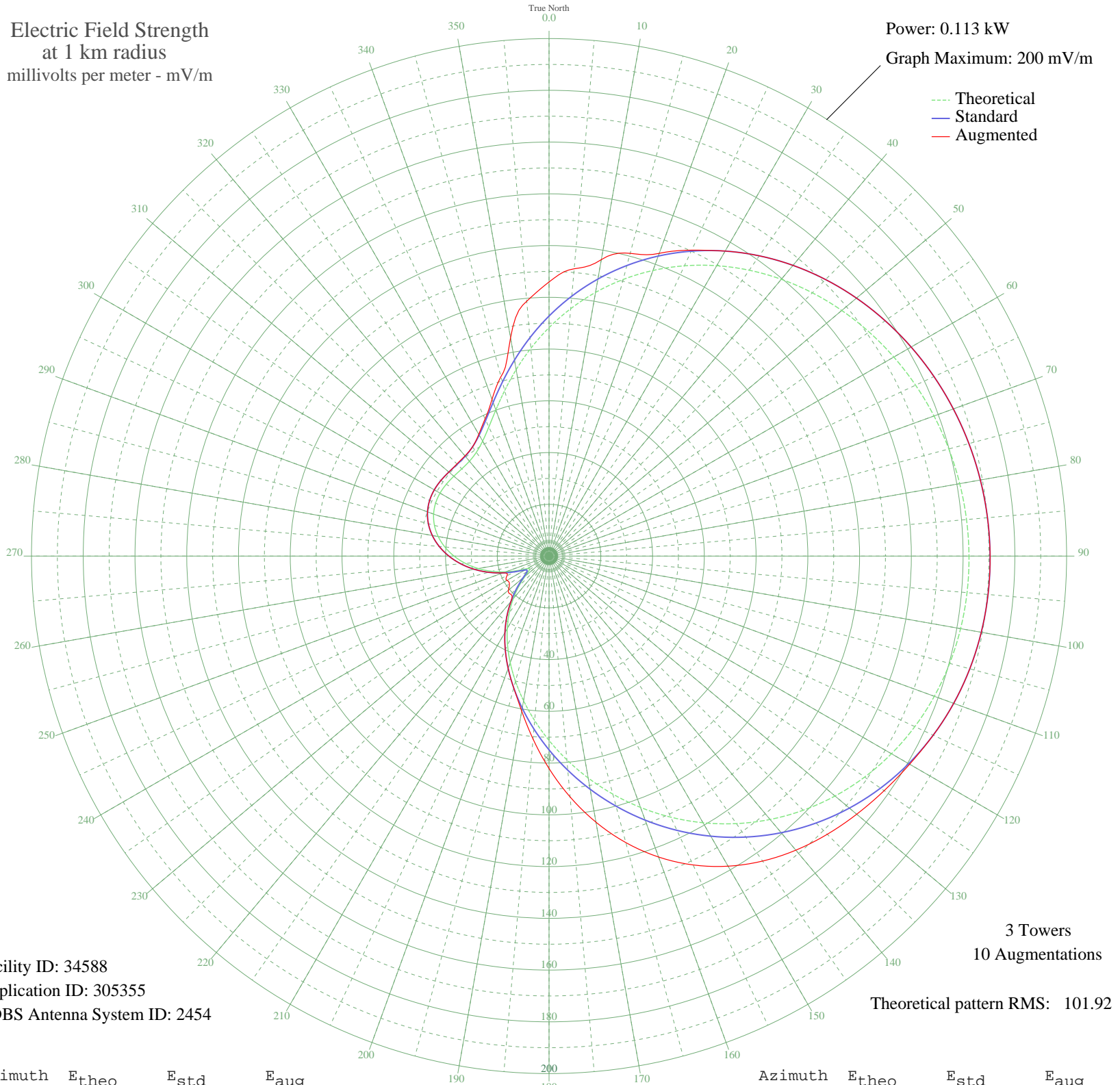


# KBRT AVALON, CA BL-- 740 kHz

Nighttime

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

Power: 0.113 kW  
Graph Maximum: 200 mV/m



Facility ID: 34588  
Application ID: 305355  
CDBS Antenna System ID: 2454

3 Towers  
10 Augmentations

Theoretical pattern RMS: 101.92

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	88.29	92.77	105.94
5	95.97	100.83	111.45
10	103.48	108.71	116.33
15	110.67	116.26	121.12
20	117.46	123.38	124.50
25	123.77	130.01	130.45
30	129.58	136.11	136.11
35	134.87	141.65	141.65
40	139.63	146.66	146.66
45	143.89	151.13	151.13
50	147.67	155.09	155.09
55	150.97	158.56	158.56
60	153.84	161.57	161.57
65	156.28	164.13	164.13
70	158.31	166.27	166.27
75	159.94	167.97	167.97
80	161.15	169.25	169.25
85	161.94	170.08	170.08
90	162.28	170.44	170.44
95	162.15	170.29	170.29
100	161.49	169.60	169.60
105	160.27	168.32	168.32
110	158.44	166.40	166.40
115	155.96	163.79	163.79
120	152.78	160.46	160.89
125	148.89	156.37	158.08
130	144.26	151.51	155.20
135	138.91	145.90	152.05
140	132.88	139.57	148.37
145	126.21	132.57	143.89
150	119.00	125.00	138.38
155	111.34	116.96	131.70
160	103.37	108.60	123.77
165	95.23	100.06	114.63
170	87.08	91.50	104.43
175	79.04	83.07	93.45

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	71.25	74.89	82.10
185	63.79	67.08	70.97
190	56.74	59.68	60.84
195	50.11	52.73	52.73
200	43.86	46.19	46.19
205	37.94	40.00	40.00
210	32.29	34.09	34.09
215	26.83	28.39	28.39
220	21.55	22.90	22.90
225	16.51	17.69	20.90
230	12.06	13.15	20.50
235	9.23	10.32	18.68
240	9.70	10.78	18.80
245	13.12	14.22	17.91
250	17.79	19.01	19.01
255	22.80	24.20	24.20
260	27.76	29.36	29.36
265	32.45	34.26	34.26
270	36.71	38.71	38.71
275	40.42	42.59	42.59
280	43.49	45.80	45.80
285	45.85	48.27	48.27
290	47.47	49.97	49.97
295	48.37	50.92	50.92
300	48.65	51.20	51.20
305	48.44	50.99	50.99
310	48.01	50.53	50.53
315	47.68	50.18	50.35
320	47.86	50.38	50.54
325	48.97	51.54	51.54
330	51.32	54.00	54.32
335	55.05	57.91	58.50
340	60.09	63.20	64.46
345	66.23	69.63	71.80
350	73.17	76.91	85.67
355	80.61	84.72	98.86