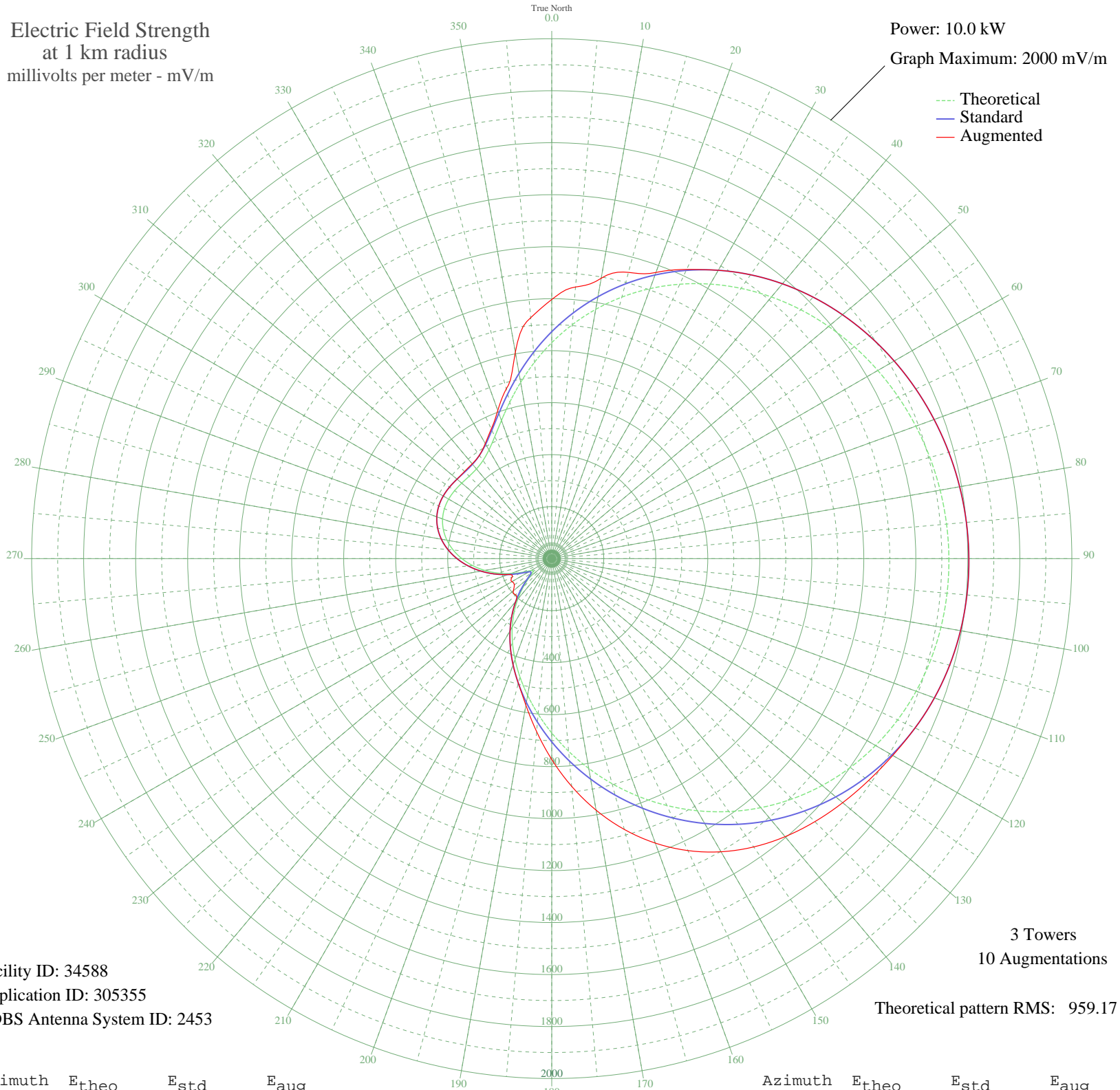


# KBRT AVALON, CA BL-- 740 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 34588  
Application ID: 305355  
CDBS Antenna System ID: 2453

3 Towers  
10 Augmentations  
Theoretical pattern RMS: 959.17

Azimuth	Etheo	Estd	Eaug
0	830.88	873.05	996.92
5	903.17	948.91	1048.93
10	973.82	1023.05	1095.24
15	1041.54	1094.12	1140.00
20	1105.41	1161.16	1171.52
25	1164.84	1223.54	1227.61
30	1219.49	1280.90	1280.90
35	1269.24	1333.11	1333.11
40	1314.09	1380.20	1380.20
45	1354.18	1422.28	1422.28
50	1389.69	1459.55	1459.55
55	1420.83	1492.24	1492.24
60	1447.80	1520.55	1520.55
65	1470.78	1544.68	1544.68
70	1489.89	1564.74	1564.74
75	1505.17	1580.78	1580.78
80	1516.60	1592.78	1592.78
85	1524.04	1600.58	1600.58
90	1527.26	1603.97	1603.97
95	1525.98	1602.62	1602.62
100	1519.80	1596.14	1596.14
105	1508.32	1584.09	1584.09
110	1491.10	1566.01	1566.01
115	1467.72	1541.46	1541.46
120	1437.82	1510.08	1514.16
125	1401.17	1471.60	1487.63
130	1357.64	1425.91	1460.56
135	1307.33	1373.09	1430.87
140	1250.52	1313.47	1396.14
145	1187.78	1247.61	1353.92
150	1119.87	1176.33	1302.10
155	1047.82	1100.71	1239.19
160	972.83	1022.02	1164.56
165	896.26	941.66	1078.56
170	819.48	861.09	982.59
175	743.83	781.73	879.27

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	Etheo	Estd	Eaug
180	670.50	704.80	772.50
185	600.37	631.26	667.79
190	534.00	561.69	572.56
195	471.54	496.23	496.23
200	412.75	434.66	434.66
205	357.09	376.41	376.41
210	303.88	320.80	320.80
215	252.52	267.21	267.21
220	202.77	215.48	215.48
225	155.37	166.49	196.75
230	113.52	123.73	193.12
235	86.90	97.10	175.92
240	91.26	101.42	177.03
245	123.46	133.82	168.62
250	167.41	178.89	178.89
255	214.58	227.74	227.74
260	261.27	276.34	276.34
265	305.40	322.38	322.38
270	345.50	364.29	364.29
275	380.43	400.82	400.82
280	409.28	431.03	431.03
285	431.47	454.26	454.26
290	446.73	470.24	470.24
295	455.25	479.16	479.16
300	457.81	481.84	481.84
305	455.88	479.82	479.82
310	451.78	475.53	475.53
315	448.68	472.29	474.13
320	450.42	474.10	475.94
325	460.85	485.03	485.03
330	482.98	508.21	511.11
335	518.08	545.00	550.40
340	565.54	594.74	606.65
345	623.29	655.29	675.92
350	688.59	723.78	806.17
355	758.63	797.26	930.13