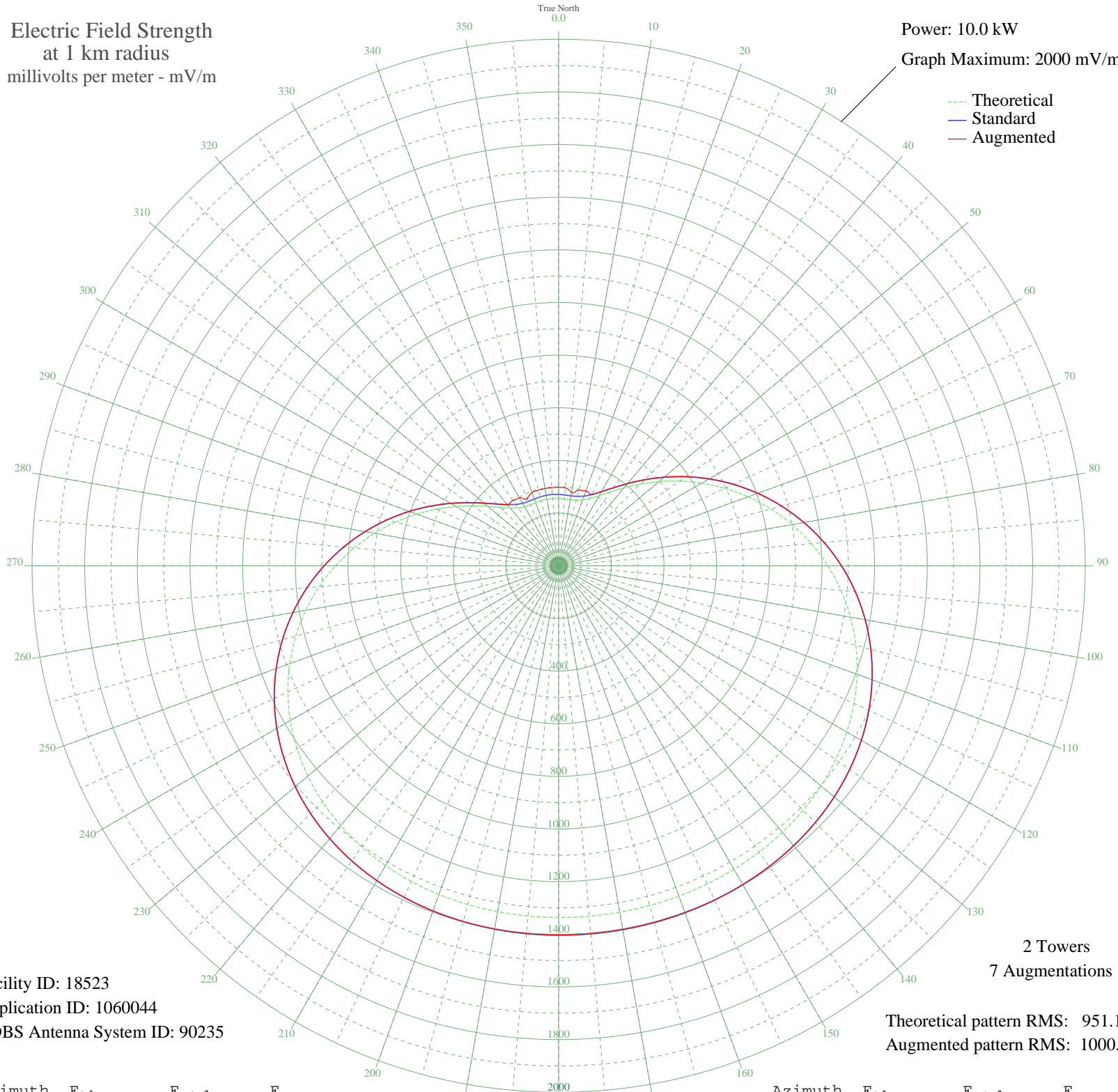


# KHHO TACOMA, WA BL-20050412AGR 850 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 18523  
Application ID: 1060044  
CDBS Antenna System ID: 90235

2 Towers  
7 Augmentations

Theoretical pattern RMS: 951.12  
Augmented pattern RMS: 1000.30

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	256.02	270.86	298.10
5	254.90	269.70	297.01
10	254.85	269.64	281.93
15	257.85	272.78	297.73
20	266.28	281.56	302.56
25	282.38	298.35	298.35
30	307.66	324.74	324.74
35	342.58	361.24	361.24
40	386.64	407.33	407.33
45	438.67	461.80	461.80
50	497.20	523.11	523.11
55	560.67	589.64	589.64
60	627.54	659.76	659.76
65	696.31	731.88	731.88
70	765.54	804.51	804.51
75	833.92	876.24	876.24
80	900.21	945.80	945.80
85	963.34	1012.05	1012.05
90	1022.38	1074.01	1074.01
95	1076.61	1130.92	1130.92
100	1125.47	1182.21	1182.21
105	1168.63	1227.51	1227.51
110	1205.97	1266.70	1266.70
115	1237.53	1299.84	1299.84
120	1263.57	1327.17	1327.17
125	1284.47	1349.10	1349.10
130	1300.73	1366.17	1366.17
135	1312.94	1378.99	1378.99
140	1321.75	1388.24	1388.24
145	1327.80	1394.59	1394.59
150	1331.72	1398.70	1398.70
155	1334.09	1401.18	1401.18
160	1335.39	1402.56	1402.56
165	1336.04	1403.23	1403.23
170	1336.30	1403.50	1403.50
175	1336.32	1403.53	1403.53

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1336.11	1403.31	1403.31
185	1335.57	1402.74	1402.74
190	1334.42	1401.53	1401.53
195	1332.30	1399.31	1399.31
200	1328.74	1395.57	1395.57
205	1323.16	1389.72	1389.72
210	1314.96	1381.10	1381.10
215	1303.48	1369.05	1369.05
220	1288.07	1352.89	1352.89
225	1268.15	1331.97	1331.97
230	1243.17	1305.76	1305.76
235	1212.74	1273.81	1273.81
240	1176.57	1235.84	1235.84
245	1134.56	1191.75	1191.75
250	1086.82	1141.64	1141.64
255	1033.63	1085.82	1085.82
260	975.50	1024.81	1024.81
265	913.12	959.35	959.35
270	847.38	890.37	890.37
275	779.33	818.97	818.97
280	710.16	746.41	746.41
285	641.19	674.07	674.07
290	573.83	603.43	603.43
295	509.55	536.06	536.06
300	449.90	473.57	473.57
305	396.45	417.60	417.60
310	350.70	369.73	369.73
315	313.88	331.24	331.24
320	286.67	302.83	302.83
325	268.83	284.21	302.56
330	259.03	274.00	297.73
335	255.13	269.94	281.39
340	254.75	269.54	296.40
345	255.78	270.62	297.12
350	256.75	271.62	297.50
355	256.85	271.73	297.79