

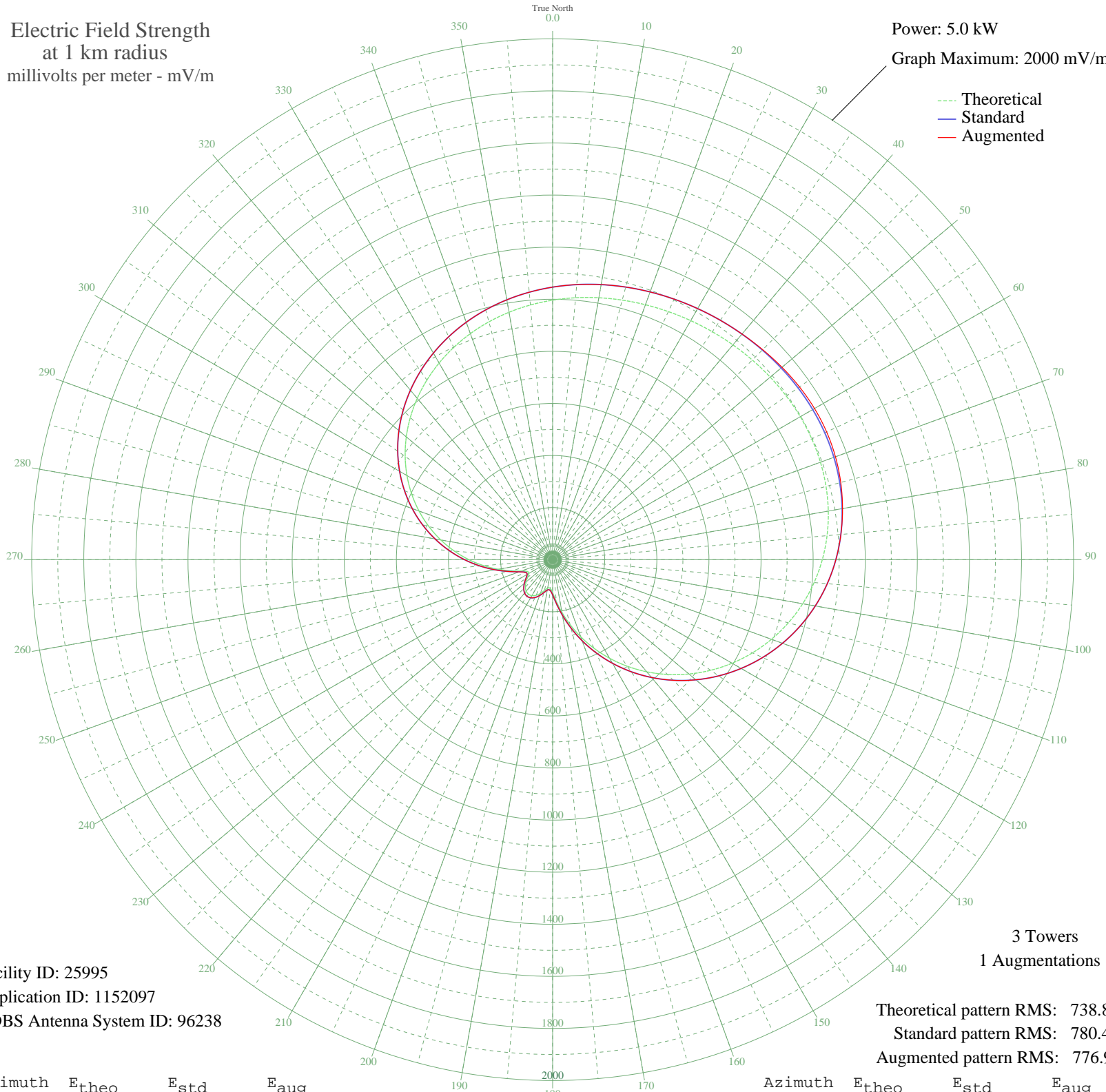
WPWC DUMFRIES-TRIANGLE, VA BL-20060914ADO 1480 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 25995
Application ID: 1152097
CDBS Antenna System ID: 96238

3 Towers
1 Augmentations

Theoretical pattern RMS: 738.80
Standard pattern RMS: 780.43
Augmented pattern RMS: 776.93

Azimuth	Etheo	Estd	Eaug
0	996.41	1046.49	1046.49
5	1009.50	1060.24	1060.24
10	1021.19	1072.50	1072.50
15	1031.80	1083.65	1083.65
20	1041.66	1093.99	1093.99
25	1050.99	1103.79	1103.79
30	1059.94	1113.18	1113.18
35	1068.53	1122.20	1122.20
40	1076.65	1130.73	1130.97
45	1084.06	1138.51	1140.29
50	1090.39	1145.15	1149.34
55	1095.14	1150.14	1156.68
60	1097.76	1152.88	1160.83
65	1097.61	1152.73	1160.61
70	1094.06	1149.01	1155.39
75	1086.53	1141.10	1145.10
80	1074.47	1128.44	1130.07
85	1057.47	1110.60	1110.77
90	1035.26	1087.27	1087.27
95	1007.68	1058.33	1058.33
100	974.79	1023.80	1023.80
105	936.75	983.87	983.87
110	893.88	938.86	938.86
115	846.57	889.21	889.21
120	795.31	835.41	835.41
125	740.65	778.03	778.03
130	683.14	717.68	717.68
135	623.37	654.96	654.96
140	561.97	590.54	590.54
145	499.62	525.13	525.13
150	437.07	459.52	459.52
155	375.16	394.62	394.62
160	314.94	331.52	331.52
165	257.71	271.61	271.61
170	205.26	216.80	216.80
175	160.28	169.92	169.92

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	Etheo	Estd	Eaug
180	126.89	135.29	135.29
185	110.04	117.91	117.91
190	110.78	118.67	118.67
195	122.76	131.02	131.02
200	137.92	146.70	146.70
205	151.04	160.33	160.33
210	159.44	169.05	169.05
215	161.84	171.54	171.54
220	157.85	167.40	167.40
225	147.87	157.02	157.02
230	133.24	141.85	141.85
235	117.03	125.10	125.10
240	105.34	113.07	113.07
245	107.27	115.06	115.06
250	128.31	136.76	136.76
255	165.29	175.14	175.14
260	212.39	224.24	224.24
265	265.36	279.61	279.61
270	321.47	338.36	338.36
275	378.82	398.46	398.46
280	436.01	458.42	458.42
285	491.98	517.11	517.11
290	545.93	573.70	573.70
295	597.32	627.62	627.62
300	645.80	678.50	678.50
305	691.21	726.15	726.15
310	733.47	770.50	770.50
315	772.61	811.58	811.58
320	808.68	849.44	849.44
325	841.76	884.16	884.16
330	871.90	915.79	915.79
335	899.17	944.42	944.42
340	923.64	970.10	970.10
345	945.42	992.97	992.97
350	964.66	1013.16	1013.16
355	981.57	1030.91	1030.91