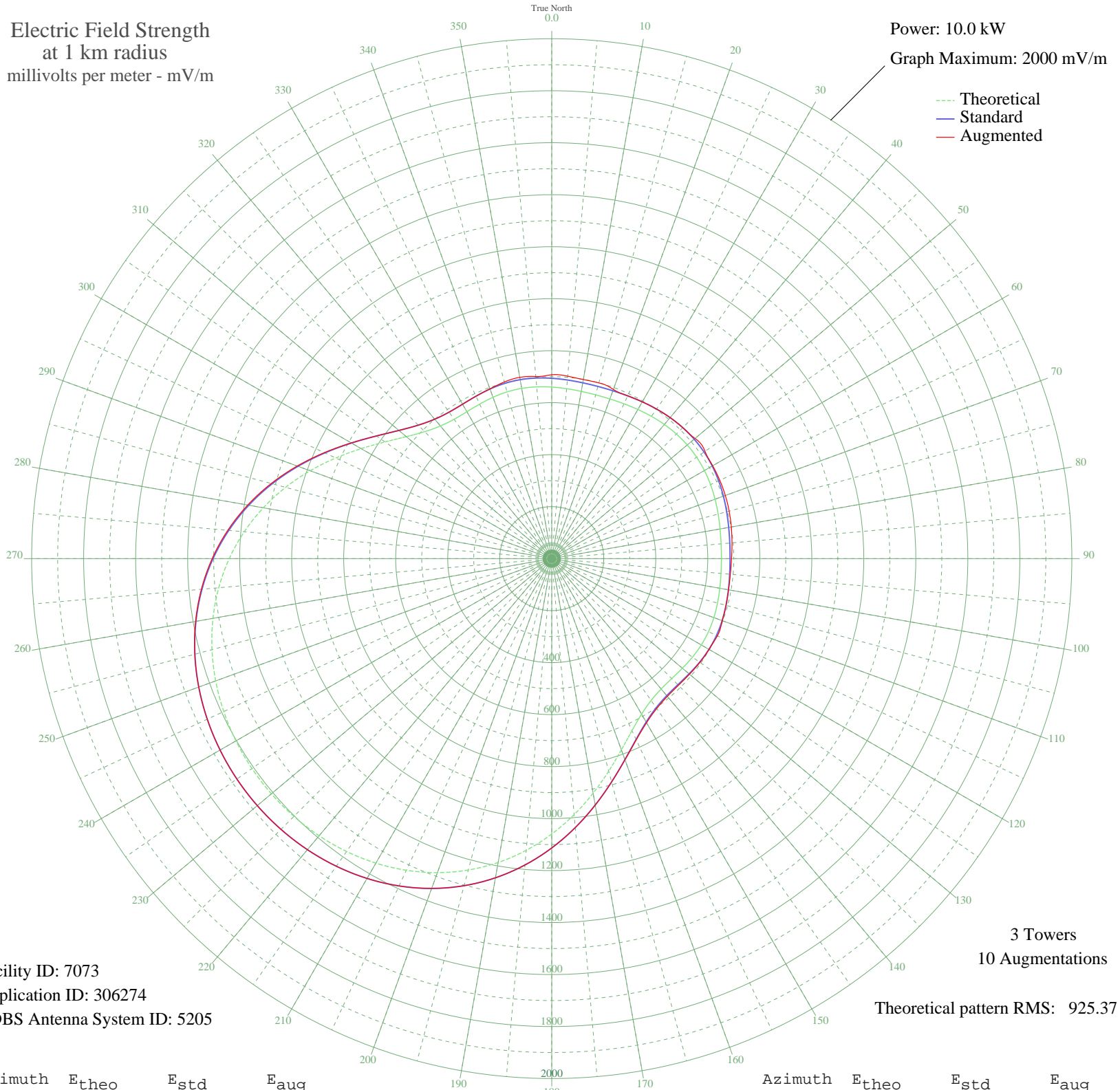


WMOX MERIDIAN, MS BL-- 1010 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 7073
Application ID: 306274
CDBS Antenna System ID: 5205

3 Towers
10 Augmentations

Theoretical pattern RMS: 925.37

Azimuth	E _{theo}	E _{std}	E _{aug}
0	660.01	693.81	707.33
5	656.23	689.84	704.55
10	653.35	686.82	699.67
15	652.37	685.79	699.91
20	653.74	687.23	692.77
25	657.33	690.99	691.00
30	662.49	696.41	696.42
35	668.30	702.50	702.51
40	673.75	708.22	708.23
45	677.95	712.62	712.62
50	680.22	715.00	719.46
55	680.22	715.00	719.70
60	677.95	712.62	714.61
65	673.75	708.22	713.11
70	668.30	702.50	710.38
75	662.49	696.41	706.28
80	657.33	690.99	701.14
85	653.74	687.23	695.79
90	652.37	685.79	691.48
95	653.35	686.82	689.43
100	656.23	689.84	690.32
105	660.01	693.81	693.81
110	663.36	697.32	697.74
115	664.98	699.01	703.01
120	664.01	698.01	698.41
125	660.53	694.35	695.59
130	655.80	689.39	691.68
135	652.52	685.95	689.17
140	654.55	688.08	691.79
145	666.16	700.26	703.84
150	690.83	726.13	729.02
155	730.06	767.29	769.16
160	782.88	822.69	823.58
165	846.27	889.21	889.43
170	916.20	962.58	962.58
175	988.49	1038.45	1038.45

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1059.49	1112.96	1112.96
185	1126.30	1183.08	1183.08
190	1186.92	1246.70	1246.70
195	1240.12	1302.55	1302.55
200	1285.40	1350.08	1350.08
205	1322.74	1389.28	1389.28
210	1352.51	1420.53	1420.53
215	1375.27	1444.42	1444.42
220	1391.65	1461.61	1461.61
225	1402.20	1472.68	1472.68
230	1407.36	1478.10	1478.10
235	1407.36	1478.10	1478.10
240	1402.20	1472.68	1472.68
245	1391.65	1461.61	1461.61
250	1375.27	1444.42	1444.62
255	1352.51	1420.53	1421.29
260	1322.74	1389.28	1390.85
265	1285.40	1350.08	1352.57
270	1240.12	1302.55	1305.89
275	1186.92	1246.70	1250.63
280	1126.30	1183.08	1187.22
285	1059.49	1112.96	1116.86
290	988.49	1038.45	1041.69
295	916.20	962.58	964.85
300	846.27	889.20	890.41
305	782.88	822.69	823.04
310	730.06	767.29	767.29
315	690.83	726.13	726.13
320	666.16	700.26	700.26
325	654.55	688.08	688.08
330	652.52	685.95	685.95
335	655.80	689.39	689.39
340	660.53	694.35	694.96
345	664.01	698.01	703.75
350	664.98	699.01	708.11
355	663.36	697.32	703.07

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