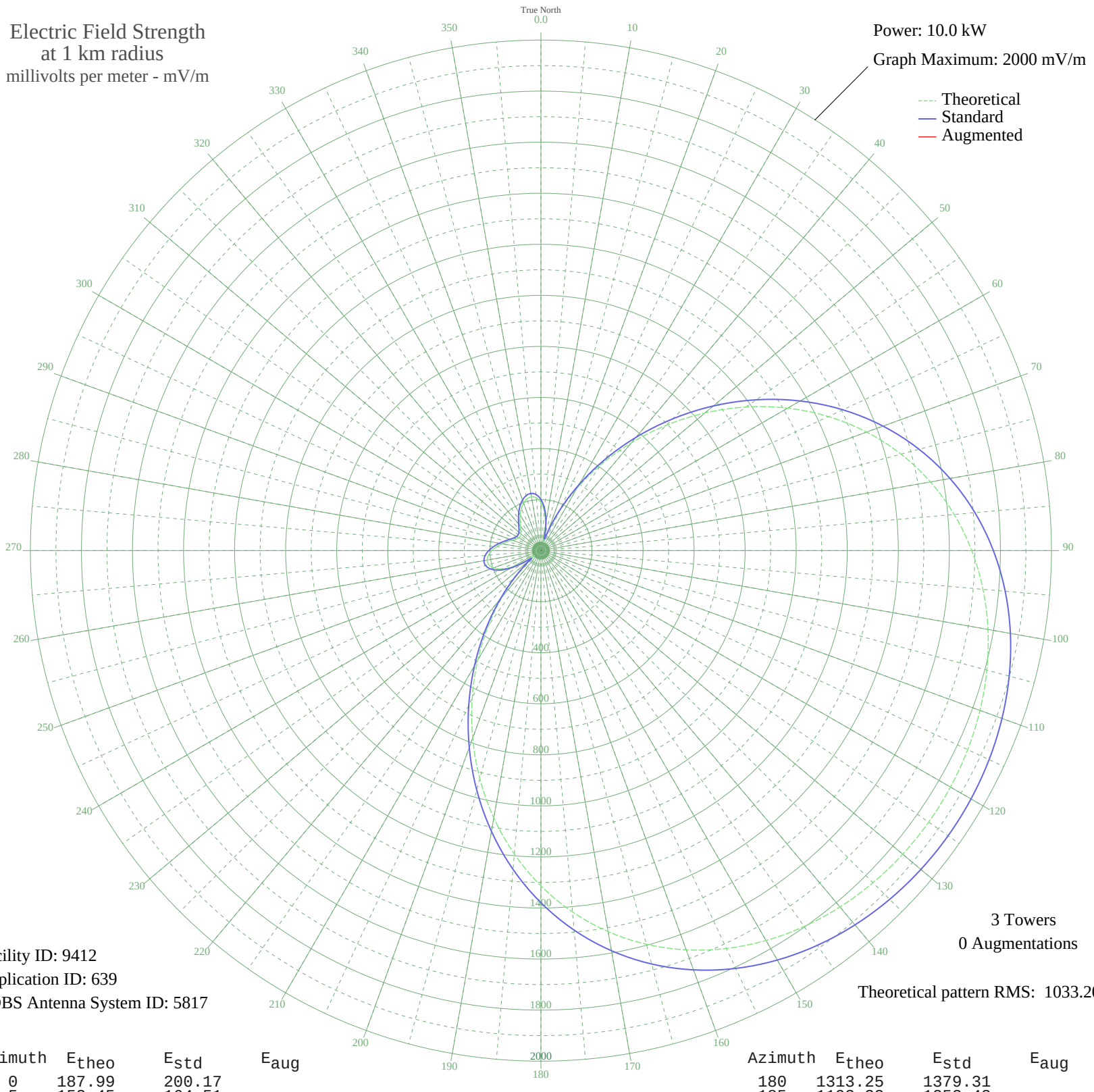
WOSO SAN JUAN, PR BL-14412 1030 kHz

Unlimited Time

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 9412
Application ID: 639
CDBS Antenna System ID: 5817

Theoretical pattern RMS: 1033.20

Azimuth	E_{theo}	E_{std}	E_{aug}
0	187.99	200.17	
5	153.45	164.51	
10	103.09	113.22	
15	42.31	55.46	
20	66.30	77.12	
25	165.23	176.64	
30	282.37	298.34	
35	412.13	434.01	
40	550.74	579.23	
45	694.30	729.77	
50	838.86	881.43	
55	980.64	1030.20	
60	1116.19	1172.47	
65	1242.66	1305.22	
70	1357.87	1426.15	
75	1460.37	1533.74	
80	1549.46	1627.27	
85	1625.10	1706.68	
90	1687.81	1772.51	
95	1738.48	1825.71	
100	1778.29	1867.50	
105	1808.49	1899.20	
110	1830.29	1922.09	
115	1844.73	1937.25	
120	1852.61	1945.53	
125	1854.40	1947.41	
130	1850.21	1943.00	
135	1839.78	1932.05	
140	1822.50	1913.92	
145	1797.48	1887.65	
150	1763.59	1852.07	
155	1719.58	1805.87	
160	1664.23	1747.75	
165	1596.44	1676.59	
170	1515.45	1591.57	
175	1420.95	1492.37	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1313.25	1379.31	
185	1193.32	1253.43	
190	1062.92	1116.56	
195	924.49	971.29	
200	781.17	820.90	
205	636.53	669.18	
210	494.48	520.27	
215	358.96	378.36	
220	233.78	247.70	
225	122.90	133.25	
230	37.89	51.82	
235	66.38	77.21	
240	125.10	135.48	
245	169.16	180.69	
250	197.52	210.04	
255	211.63	224.67	
260	213.65	226.78	
265	206.20	219.04	
270	192.02	204.34	
275	173.84	185.53	
280	154.21	165.29	
285	135.40	146.00	
290	119.26	129.56	
295	107.20	117.36	
300	100.12	110.24	
305	98.46	108.58	
310	102.32	112.45	
315	111.47	121.66	
320	125.30	135.69	
325	142.70	153.47	
330	162.09	173.40	
335	181.42	193.37	
340	198.33	210.87	
345	210.15	223.14	
350	214.13	227.28	
355	207.57	220.46	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission