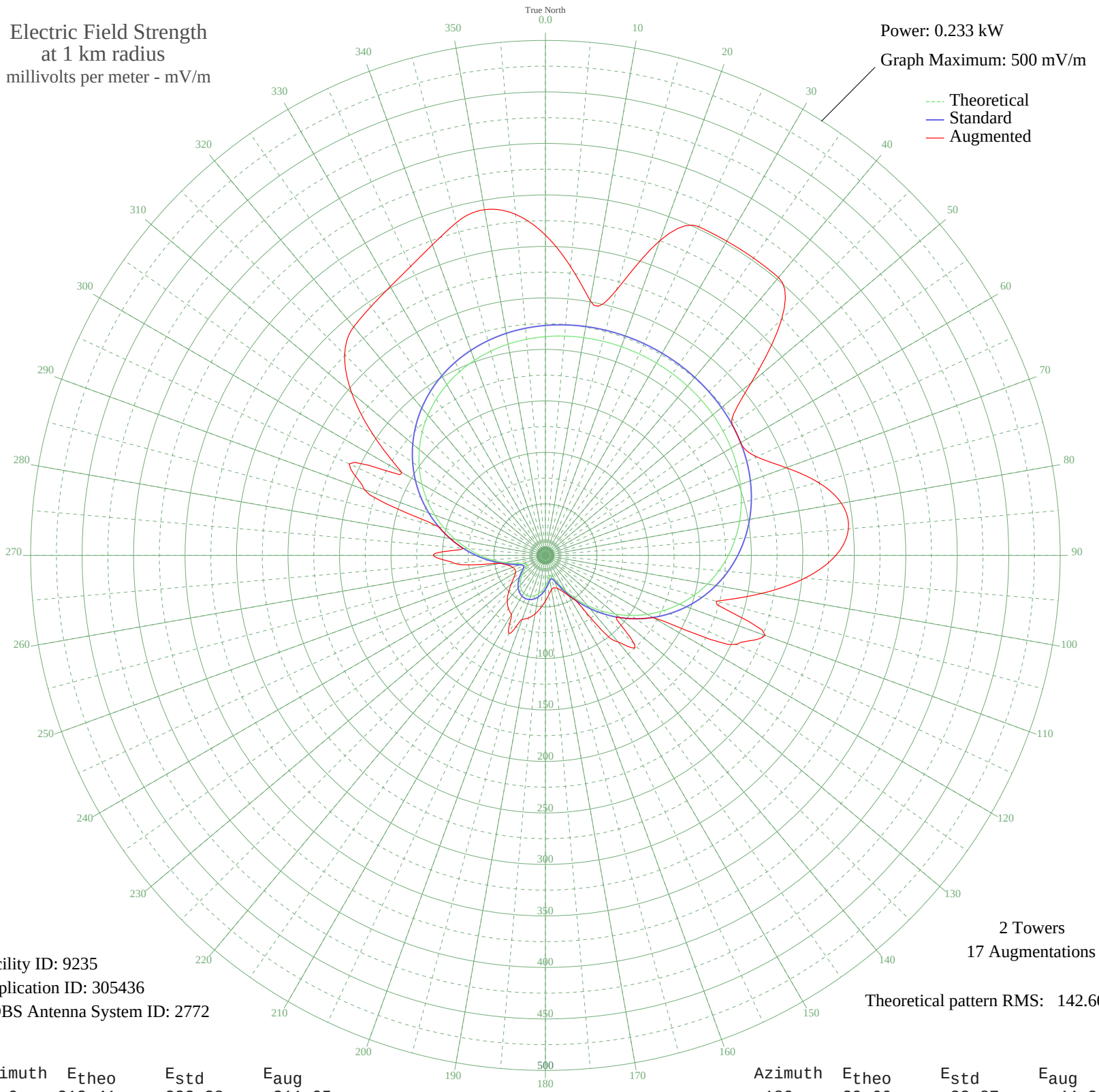
WSHO NEW ORLEANS, LA BL-- 800 kHz

Nighttime

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



Power: 0.233 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

Facility ID: 9235
Application ID: 305436
CDBS Antenna System ID: 2772

2 Towers
17 Augmentations

Theoretical pattern RMS: 142.66

Azimuth	E_{theo}	E_{std}	E_{aug}
0	212.41	223.28	311.05
5	213.74	224.67	281.37
10	214.68	225.66	250.98
15	215.30	226.31	266.76
20	215.65	226.68	325.33
25	215.77	226.80	352.20
30	215.65	226.68	352.31
35	215.30	226.31	352.43
40	214.68	225.66	352.20
45	213.74	224.67	324.53
50	212.41	223.28	261.03
55	210.62	221.40	221.40
60	208.27	218.94	218.94
65	205.28	215.79	226.46
70	201.53	211.87	248.90
75	196.97	207.08	274.24
80	191.50	201.34	291.91
85	185.07	194.61	295.40
90	177.65	186.83	282.10
95	169.25	178.02	253.02
100	159.88	168.20	212.97
105	149.60	157.43	171.76
110	138.50	145.80	227.20
115	126.71	133.46	204.50
120	114.36	120.54	120.54
125	101.64	107.24	107.24
130	88.74	93.77	93.77
135	75.88	80.36	123.00
140	63.28	67.27	109.40
145	51.25	54.82	61.06
150	40.13	43.42	45.18
155	30.49	33.69	38.11
160	23.30	26.63	34.08
165	20.02	23.49	32.50
170	21.14	24.55	33.84
175	25.00	28.27	38.24

Azimuth	E_{theo}	E_{std}	E_{aug}
180	29.66	32.87	44.32
185	34.09	37.30	51.04
190	37.79	41.05	57.59
195	40.55	43.85	62.74
200	42.23	45.57	65.92
205	42.80	46.15	83.73
210	42.23	45.57	65.92
215	40.55	43.85	62.74
220	37.79	41.05	57.59
225	34.09	37.30	50.71
230	29.66	32.87	43.39
235	25.00	28.27	37.37
240	21.14	24.55	33.51
245	20.02	23.49	32.50
250	23.30	26.63	33.76
255	30.49	33.69	37.25
260	40.13	43.42	44.27
265	51.25	54.82	88.60
270	63.28	67.27	109.10
275	75.88	80.36	80.36
280	88.74	93.77	93.77
285	101.64	107.24	107.24
290	114.36	120.54	187.40
295	126.71	133.46	210.20
300	138.50	145.80	161.06
305	149.60	157.43	204.25
310	159.88	168.20	245.71
315	169.25	178.02	275.74
320	177.65	186.83	289.70
325	185.07	194.61	295.14
330	191.50	201.34	301.36
335	196.97	207.08	309.68
340	201.53	211.87	320.95
345	205.28	215.79	334.46
350	208.27	218.94	340.87
355	210.62	221.40	332.41

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