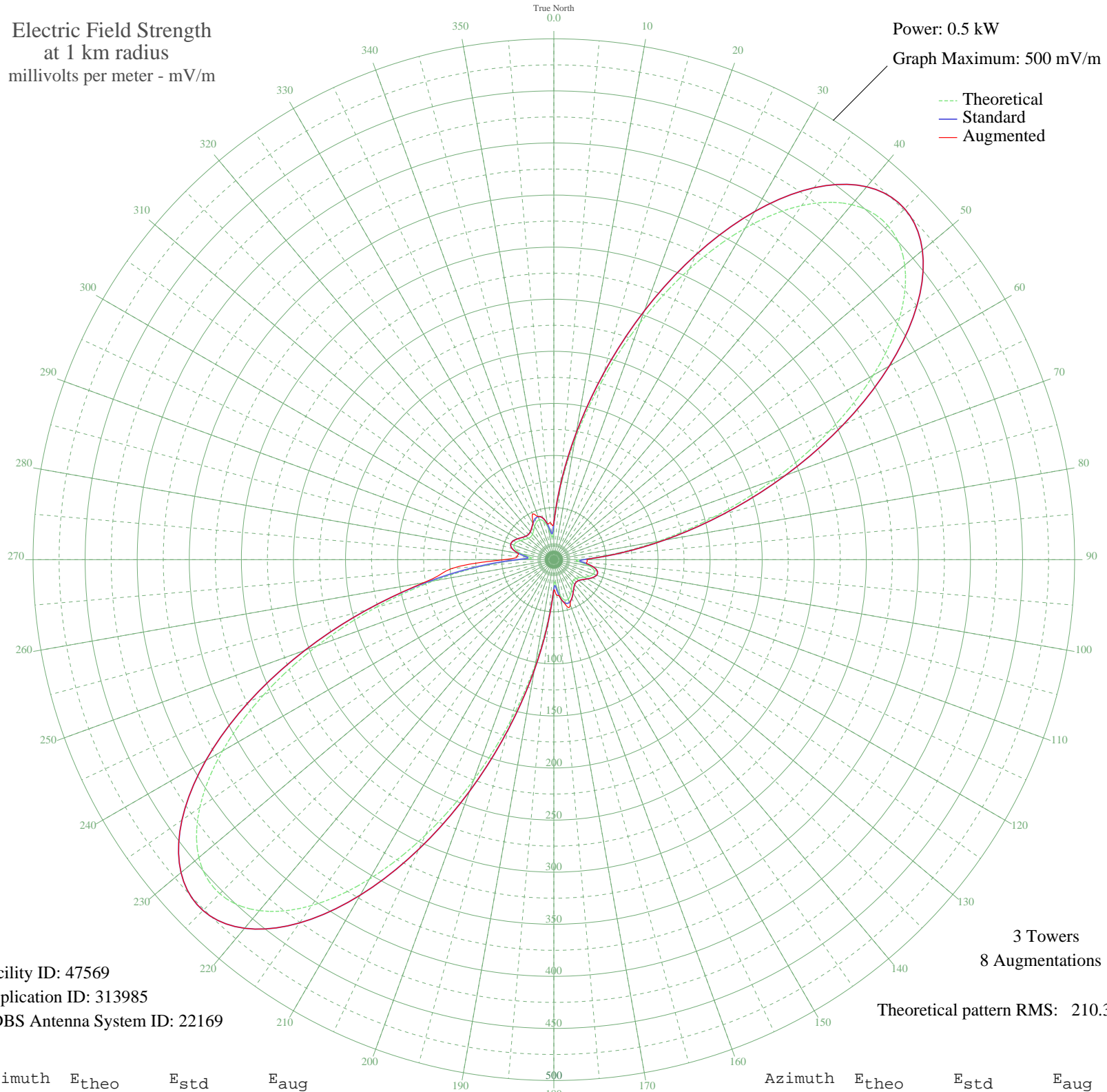


WLOA FARRELL, PA BL-- 1470 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 47569
Application ID: 313985
CDBS Antenna System ID: 22169

3 Towers
8 Augmentations
Theoretical pattern RMS: 210.34

Azimuth	E _{theo}	E _{std}	E _{aug}
0	32.01	35.22	35.80
5	67.36	71.51	71.51
10	116.98	123.27	123.27
15	176.57	185.69	185.69
20	241.91	254.23	254.23
25	307.62	323.18	323.18
30	367.44	385.95	385.95
35	415.01	435.89	435.89
40	444.91	467.27	467.27
45	453.55	476.34	476.34
50	439.82	461.93	461.93
55	405.32	425.72	425.72
60	354.08	371.94	371.94
65	291.83	306.60	306.60
70	225.03	236.52	236.52
75	159.93	168.26	168.26
80	101.80	107.41	107.41
85	54.89	58.58	58.58
90	25.08	28.35	31.90
95	24.53	27.81	31.42
100	34.60	37.82	37.82
105	39.99	43.28	43.28
110	40.38	43.68	43.68
115	37.64	40.89	40.89
120	33.74	36.95	36.95
125	30.22	33.43	33.43
130	27.95	31.17	31.17
135	27.19	30.42	30.42
140	27.95	31.17	31.17
145	30.22	33.43	33.43
150	33.74	36.95	36.95
155	37.64	40.89	40.89
160	40.38	43.68	45.88
165	39.99	43.28	45.50
170	34.60	37.82	37.82
175	24.53	27.81	34.53

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.

17 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	25.08	28.35	29.12
185	54.89	58.58	58.58
190	101.80	107.41	107.41
195	159.93	168.26	168.26
200	225.03	236.52	236.52
205	291.83	306.60	306.60
210	354.08	371.94	371.94
215	405.32	425.72	425.72
220	439.82	461.93	461.93
225	453.55	476.34	476.34
230	444.91	467.27	467.27
235	415.01	435.89	435.89
240	367.44	385.95	385.95
245	307.63	323.18	323.18
250	241.91	254.23	254.23
255	176.57	185.69	185.69
260	116.98	123.27	126.74
265	67.36	71.51	98.61
270	32.02	35.22	47.39
275	21.74	25.13	35.53
280	31.00	34.20	34.73
285	38.30	41.56	41.56
290	40.70	44.00	44.00
295	39.60	42.89	42.89
300	36.84	40.08	40.08
305	33.94	37.15	37.15
310	31.88	35.09	35.09
315	31.16	34.36	34.36
320	31.88	35.09	35.09
325	33.94	37.15	37.15
330	36.84	40.08	40.08
335	39.60	42.89	48.28
340	40.70	44.00	44.00
345	38.30	41.56	41.56
350	31.00	34.20	34.80
355	21.74	25.12	35.41