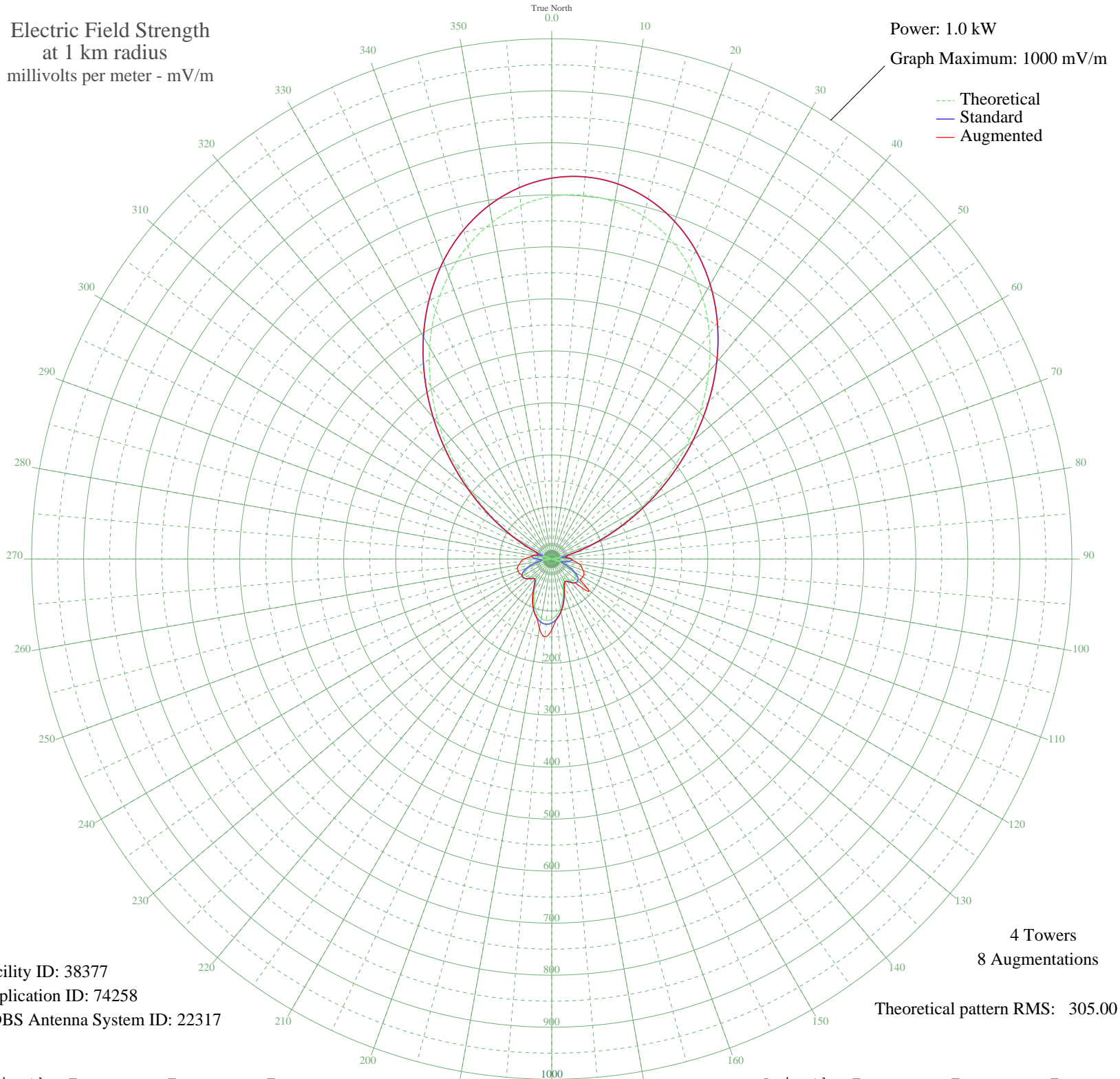


WCNS LATROBE, PA BL-19841123AD 1480 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 38377
Application ID: 74258
CDBS Antenna System ID: 22317

4 Towers
8 Augmentations
Theoretical pattern RMS: 305.00

Azimuth	Etheo	Estd	Eaug
0	696.99	732.08	732.08
5	701.96	737.29	737.29
10	696.99	732.08	732.08
15	682.14	716.48	716.48
20	657.50	690.62	690.62
25	623.32	654.75	654.75
30	580.06	609.35	609.35
35	528.47	555.20	555.20
40	469.65	493.48	493.48
45	405.18	425.85	425.85
50	337.11	354.44	354.44
55	267.88	281.88	281.88
60	200.22	211.10	211.10
65	137.22	145.27	145.27
70	81.51	87.57	87.57
75	35.55	41.66	41.66
80	1.05	18.55	30.00
85	21.18	28.94	28.94
90	31.32	37.74	37.74
95	30.62	37.11	42.37
100	21.24	28.99	52.98
105	5.94	19.54	59.66
110	12.16	22.49	64.29
115	30.04	36.58	68.52
120	45.09	50.83	68.78
125	55.38	61.03	67.19
130	59.92	65.58	92.46
135	58.78	64.43	67.82
140	53.34	58.99	58.99
145	46.84	52.55	52.55
150	44.72	50.48	50.48
155	51.34	57.00	57.00
160	64.92	70.63	70.63
165	80.94	86.98	86.98
170	96.04	102.53	102.53
175	108.11	115.02	115.02

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	115.83	123.02	135.92
185	118.48	125.78	150.00
190	115.83	123.02	135.92
195	108.11	115.02	115.02
200	96.04	102.53	102.53
205	80.94	86.98	86.98
210	64.92	70.63	70.63
215	51.34	57.00	57.00
220	44.72	50.48	50.48
225	46.84	52.55	52.55
230	53.34	58.99	58.99
235	58.78	64.43	64.43
240	59.92	65.58	65.58
245	55.38	61.03	67.19
250	45.09	50.83	68.78
255	30.04	36.58	68.52
260	12.16	22.49	64.29
265	5.94	19.54	59.66
270	21.24	28.99	52.98
275	30.62	37.11	42.37
280	31.32	37.74	37.74
285	21.18	28.94	28.94
290	1.05	18.55	30.00
295	35.55	41.67	41.67
300	81.51	87.57	87.57
305	137.22	145.27	145.27
310	200.28	211.10	211.10
315	267.88	281.88	281.88
320	337.11	354.45	354.45
325	405.19	425.85	425.85
330	469.65	493.48	493.48
335	528.47	555.20	555.20
340	580.07	609.35	609.35
345	623.32	654.75	654.75
350	657.50	690.62	690.62
355	682.14	716.48	716.48