WISL SHAMOKIN, PA BL-- 1480 kHz

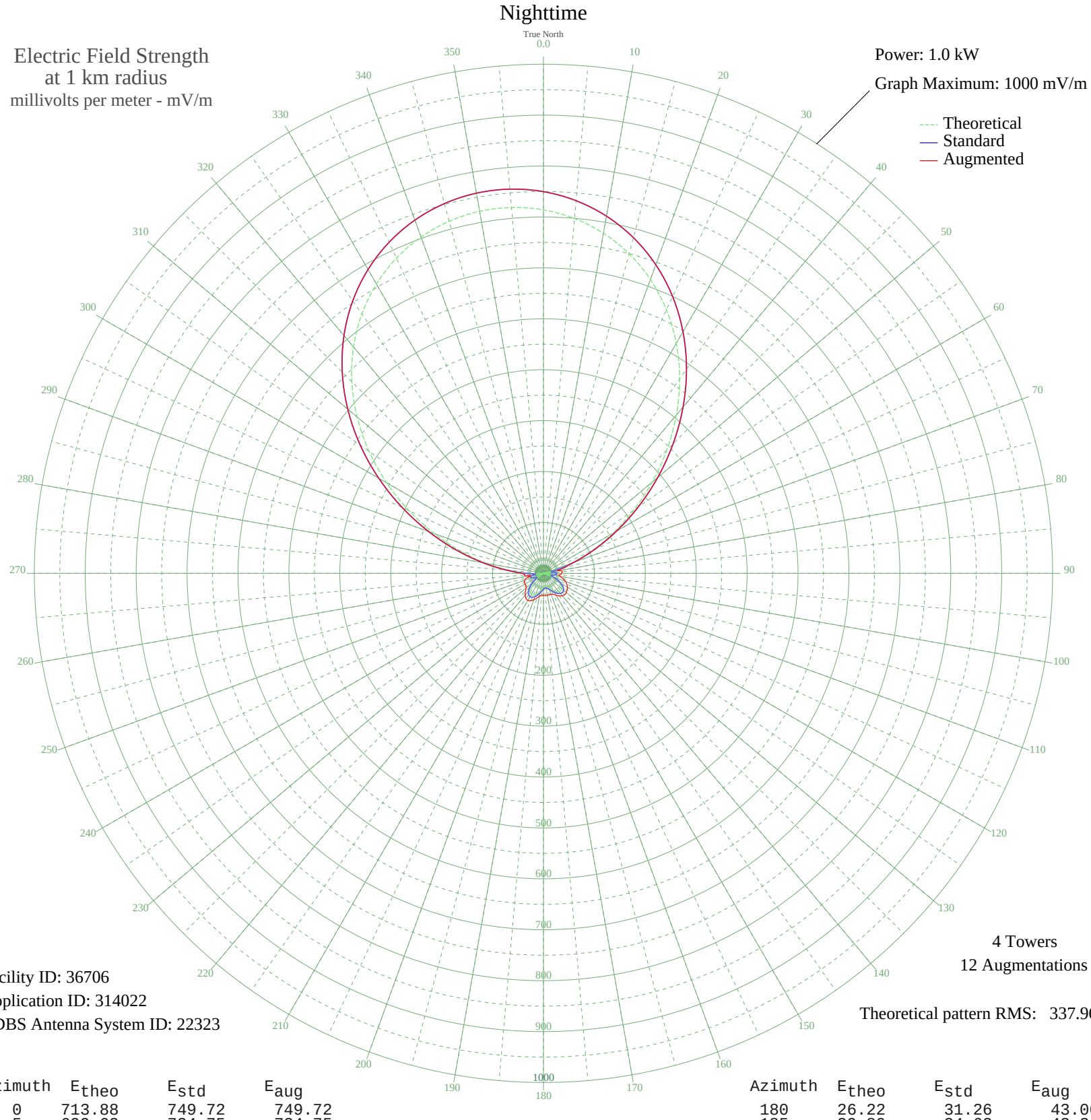
Nighttime

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

Power: 1.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented



4 Towers
12 Augmentations

Facility ID: 36706
Application ID: 314022
CDBS Antenna System ID: 22323

Theoretical pattern RMS: 337.96

Azimuth	E_{theo}	E_{std}	E_{aug}
0	713.88	749.72	749.72
5	699.62	734.75	734.75
10	678.35	712.42	712.42
15	649.89	682.55	682.55
20	614.17	645.05	645.05
25	571.31	600.06	600.06
30	521.72	548.01	548.01
35	466.19	489.73	489.73
40	405.97	426.53	426.53
45	342.74	360.18	360.18
50	278.58	292.88	292.88
55	215.82	227.10	227.10
60	156.92	165.43	165.43
65	104.19	110.40	110.40
70	59.58	64.29	64.29
75	24.49	29.68	41.84
80	0.42	14.82	29.84
85	15.26	21.82	37.21
90	20.93	26.50	35.54
95	18.93	24.79	32.32
100	11.24	18.93	32.58
105	0.00	14.81	39.50
110	12.65	19.90	45.94
115	24.87	30.02	50.55
120	35.22	39.84	54.16
125	42.77	47.28	56.66
130	47.09	51.62	58.34
135	48.27	52.80	59.14
140	46.72	51.25	57.45
145	43.17	47.69	53.86
150	38.46	43.01	49.46
155	33.46	38.13	45.52
160	28.98	33.84	43.56
165	25.68	30.76	43.28
170	24.01	29.24	43.54
175	24.20	29.41	43.46

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.

02 Nov 2005

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	26.22	31.26	43.00
185	29.80	34.62	43.30
190	34.44	39.08	45.67
195	39.45	43.99	50.04
200	44.00	48.52	55.10
205	47.22	51.74	59.36
210	48.27	52.80	61.29
215	46.49	51.01	59.94
220	41.51	46.03	55.84
225	33.35	38.03	50.04
230	22.54	27.92	44.68
235	10.10	18.22	42.33
240	2.43	15.03	41.74
245	13.13	20.23	41.31
250	19.85	25.57	39.19
255	20.46	26.09	33.24
260	13.06	20.19	26.60
265	3.75	15.32	37.48
270	30.71	35.48	44.04
275	67.78	72.69	72.69
280	114.14	120.76	120.76
285	168.28	177.31	177.31
290	228.14	240.01	240.01
295	291.37	306.30	306.30
300	355.54	373.61	373.61
305	418.32	439.48	439.48
310	477.72	501.83	501.83
315	532.14	558.95	558.95
320	580.44	609.64	609.64
325	621.90	653.16	653.16
330	656.16	689.13	689.13
335	683.17	717.49	717.49
340	703.03	738.33	738.33
345	715.90	751.85	751.85
350	721.96	758.20	758.20
355	721.29	757.50	757.50