

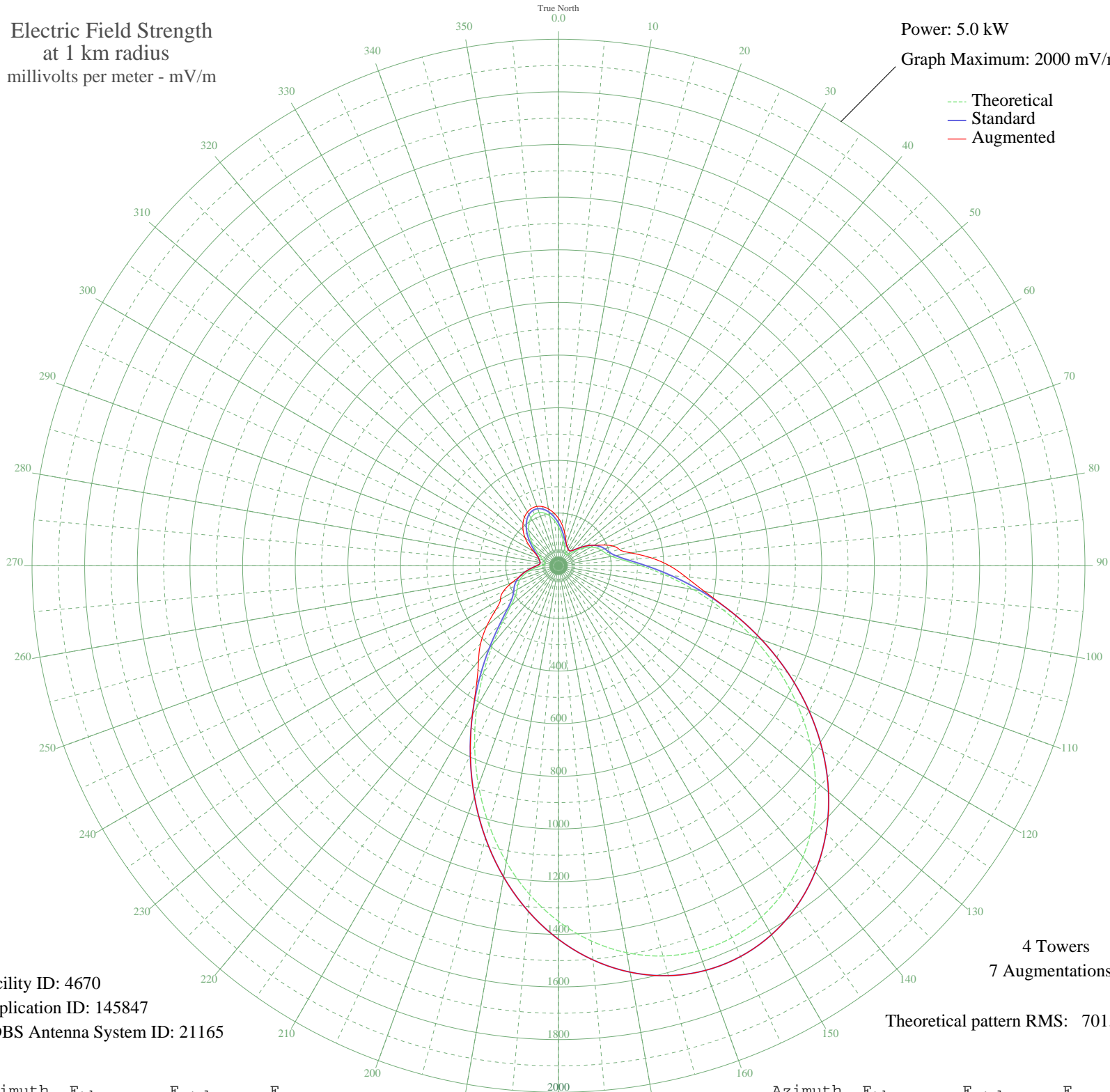
WDOV DOVER, DE BL-19900313AE 1410 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 4670  
Application ID: 145847  
CDBS Antenna System ID: 21165

4 Towers  
7 Augmentations  
Theoretical pattern RMS: 701.67

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	147.92	161.98	180.25
5	123.42	137.51	156.39
10	100.81	115.41	130.69
15	82.49	98.07	106.33
20	69.49	86.25	87.73
25	60.71	78.61	78.61
30	54.31	73.26	73.26
35	50.78	70.41	70.41
40	54.61	73.50	73.50
45	69.29	86.07	86.07
50	92.05	107.04	107.04
55	117.57	131.74	131.74
60	141.16	155.19	155.19
65	159.75	173.93	185.99
70	172.97	187.35	219.37
75	184.91	199.53	239.12
80	205.29	220.41	279.90
85	246.13	262.49	351.38
90	314.01	332.90	421.65
95	407.44	430.28	485.15
100	520.74	548.70	563.75
105	647.25	681.17	681.17
110	780.57	820.89	820.89
115	914.79	961.63	961.63
120	1044.69	1097.89	1097.89
125	1165.83	1224.99	1224.99
130	1274.61	1339.13	1339.13
135	1368.24	1437.39	1437.39
140	1444.68	1517.61	1517.61
145	1502.51	1578.30	1578.30
150	1540.81	1618.51	1618.51
155	1559.06	1637.66	1637.66
160	1557.03	1635.53	1635.53
165	1534.74	1612.14	1612.14
170	1492.48	1567.78	1567.78
175	1430.84	1503.09	1503.09

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1350.83	1419.12	1419.12
185	1253.99	1317.49	1317.49
190	1142.49	1200.50	1200.50
195	1019.28	1071.24	1071.24
200	888.14	933.68	933.68
205	753.66	792.68	792.68
210	621.21	653.89	653.89
215	496.81	523.67	541.25
220	386.96	408.90	472.63
225	298.25	316.52	418.43
230	235.88	251.91	355.11
235	199.94	214.91	290.39
240	182.24	196.80	254.20
245	170.64	184.98	231.59
250	156.50	170.64	188.65
255	136.77	150.80	150.80
260	112.49	126.75	126.75
265	87.11	102.38	102.38
270	65.54	82.77	82.77
275	53.00	72.19	72.19
280	51.08	70.65	70.65
285	55.44	74.18	74.18
290	62.23	79.90	79.90
295	71.69	88.21	89.14
300	85.73	101.09	110.01
305	105.05	119.51	137.72
310	128.25	142.30	165.69
315	152.81	166.91	189.90
320	175.99	190.43	209.72
325	195.40	210.26	225.19
330	209.14	224.36	235.54
335	215.94	231.35	240.48
340	215.18	230.57	239.70
345	206.92	222.08	232.37
350	191.92	206.70	219.10
355	171.59	185.94	201.15