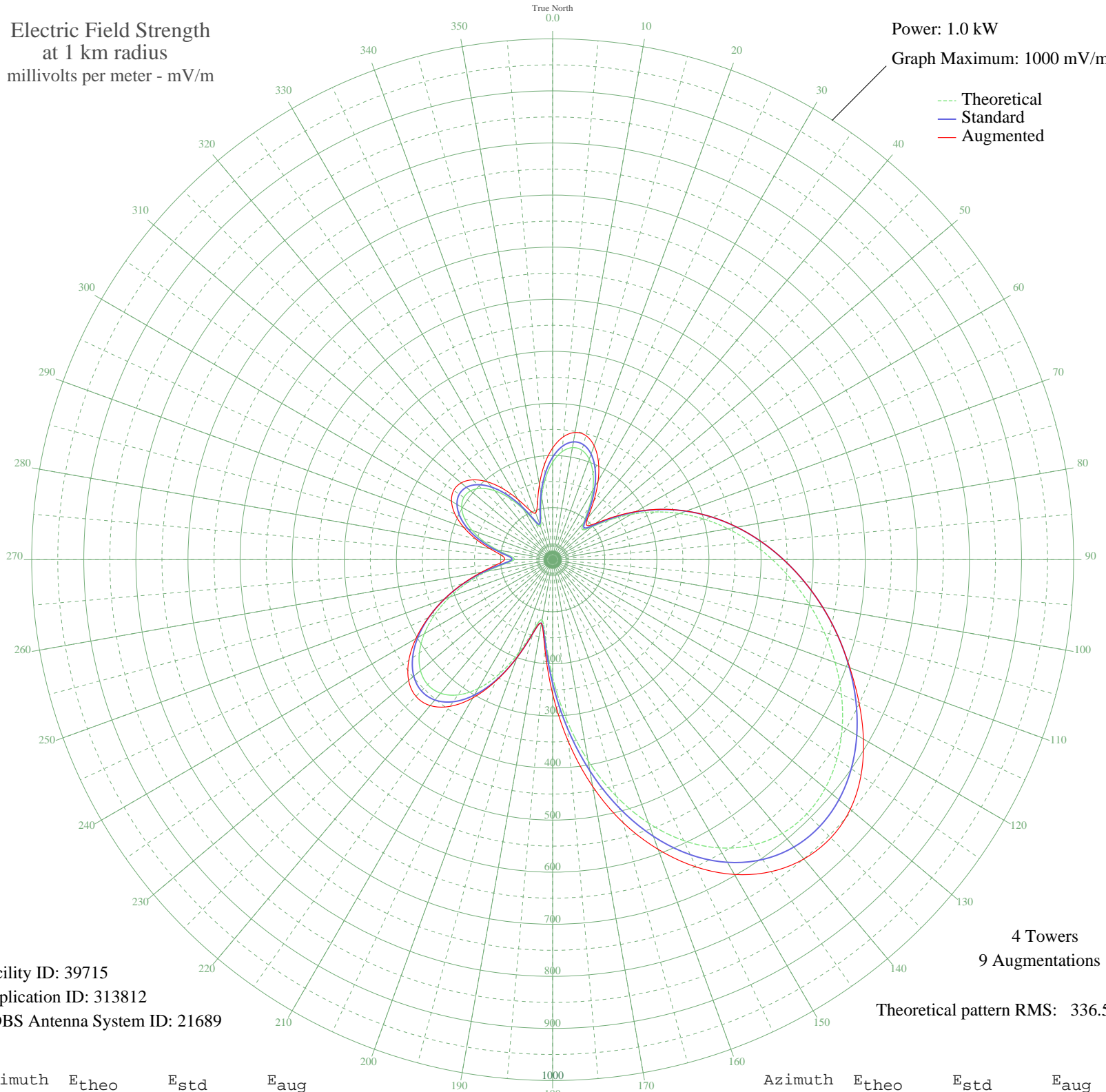


# KEYS CORPUS CHRISTI, TX BL-- 1440 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 39715  
Application ID: 313812  
CDBS Antenna System ID: 21689

4 Towers  
9 Augmentations  
Theoretical pattern RMS: 336.58

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	187.09	196.74	214.41
5	208.11	218.79	236.86
10	218.44	229.62	247.94
15	217.36	228.49	246.61
20	205.22	215.76	232.69
25	183.33	192.81	207.77
30	154.07	162.14	174.55
35	121.32	127.85	137.52
40	92.39	97.62	105.14
45	81.17	85.92	93.05
50	97.88	103.35	109.01
55	132.60	139.65	143.19
60	173.87	182.88	184.84
65	216.68	227.77	228.75
70	259.20	272.38	272.82
75	300.88	316.11	316.38
80	341.74	358.99	359.21
85	382.02	401.27	401.43
90	421.98	443.22	443.31
95	461.76	484.97	485.01
100	501.22	526.39	526.41
105	539.94	567.04	567.04
110	577.11	606.06	607.11
115	611.59	642.26	648.85
120	641.89	674.08	688.81
125	666.31	699.71	722.51
130	682.99	717.22	745.76
135	690.09	724.67	755.23
140	685.93	720.31	750.18
145	669.16	702.70	731.17
150	638.95	670.99	697.88
155	595.11	624.96	650.90
160	538.21	565.23	591.84
165	469.74	493.34	522.86
170	392.12	411.87	442.17
175	309.02	324.65	351.89

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	226.06	237.61	257.75
185	153.99	162.05	171.49
190	117.55	123.90	124.15
195	138.97	146.32	146.32
200	189.80	199.58	199.58
205	242.11	254.44	256.30
210	285.74	300.22	306.49
215	317.04	333.07	343.91
220	334.83	351.74	365.74
225	339.24	356.37	371.14
230	331.24	347.97	360.88
235	312.36	328.16	337.09
240	284.48	298.91	303.05
245	249.67	262.38	262.95
250	210.13	220.90	221.05
255	168.27	177.01	178.57
260	127.19	133.99	138.81
265	92.20	97.42	107.32
270	73.97	78.42	92.36
275	82.22	87.01	99.04
280	107.67	113.58	122.46
285	137.25	144.52	152.35
290	164.61	173.18	181.73
295	186.69	196.33	206.75
300	201.64	212.00	224.15
305	208.20	218.88	231.92
310	205.58	216.14	229.27
315	193.56	203.53	216.73
320	172.56	181.51	195.11
325	143.99	151.57	166.20
330	110.87	116.92	133.77
335	80.24	84.94	105.59
340	68.43	72.66	95.45
345	87.45	92.47	112.58
350	121.83	128.38	146.35
355	157.20	165.42	182.85

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