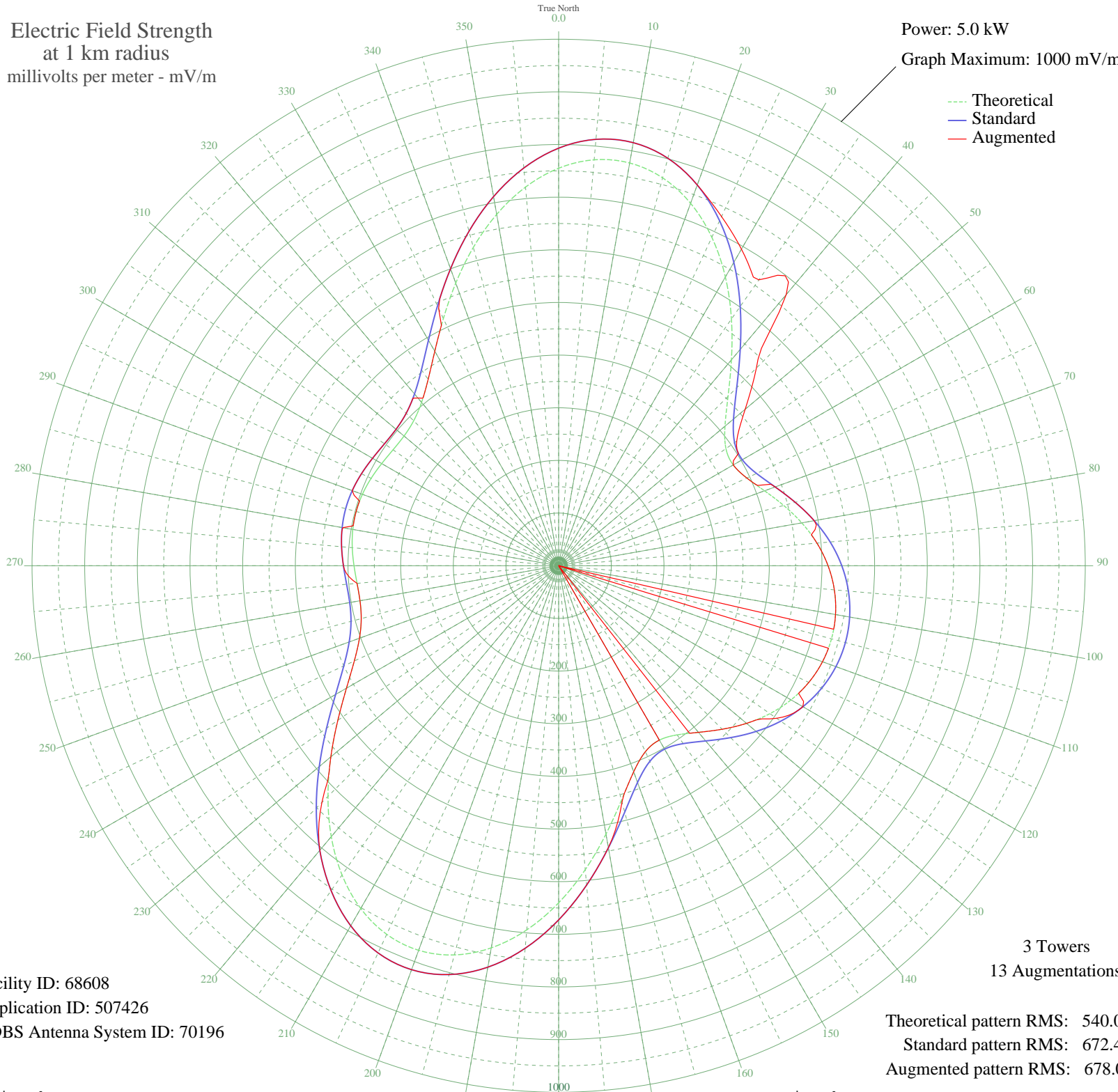


# KNML ALBUQUERQUE, NM BL-20000629AFX 610 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 68608  
Application ID: 507426  
CDBS Antenna System ID: 70196

Theoretical pattern RMS: 540.03  
Standard pattern RMS: 672.44  
Augmented pattern RMS: 678.01

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	755.00	793.10	793.10
5	773.93	812.97	812.97
10	776.75	815.93	815.93
15	762.76	801.24	801.24
20	732.59	769.58	769.63
25	688.29	723.09	731.85
30	633.23	665.31	694.29
35	572.02	601.08	662.88
40	510.39	536.42	672.29
45	454.91	478.23	531.00
50	412.30	433.55	462.38
55	387.79	407.85	412.87
60	382.82	402.65	382.82
65	394.23	414.61	394.23
70	416.07	437.50	437.50
75	442.41	465.13	465.13
80	468.81	492.81	492.81
85	492.42	517.57	492.42
90	511.61	537.70	511.61
95	525.56	552.33	525.56
100	533.88	561.06	533.88
105	536.43	563.74	0.00
110	533.18	560.33	533.18
115	524.17	550.88	524.17
120	509.57	535.56	535.56
125	489.79	514.82	505.14
130	465.75	489.60	465.75
135	439.18	461.73	439.18
140	413.10	434.39	413.10
145	392.18	412.46	0.00
150	382.45	402.26	382.45
155	389.68	409.84	389.68
160	416.53	437.99	416.53
165	461.01	484.63	464.68
170	517.60	543.98	543.78
175	579.51	608.94	608.94

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	640.27	672.69	672.69
185	694.26	729.35	729.35
190	737.01	774.22	774.22
195	765.31	803.92	803.92
200	777.30	816.50	816.50
205	772.48	811.45	811.45
210	751.72	789.66	789.66
215	717.10	753.32	753.32
220	671.73	705.71	705.54
225	619.48	650.88	635.79
230	564.70	593.40	564.70
235	511.89	538.00	511.89
240	465.26	489.08	465.26
245	428.17	450.19	428.17
250	402.50	423.28	402.50
255	388.12	408.21	388.12
260	383.06	402.90	383.06
265	384.27	404.17	384.38
270	388.59	408.70	408.70
275	393.42	413.76	413.76
280	396.93	417.44	416.16
285	398.10	418.66	398.10
290	396.62	417.11	417.11
295	392.88	413.19	413.19
300	388.00	408.08	408.08
305	383.90	403.78	403.78
310	383.28	403.12	403.12
315	389.31	409.44	409.44
320	404.96	425.86	415.86
325	432.04	454.25	432.04
330	470.40	494.48	470.40
335	517.98	544.38	539.19
340	571.26	600.28	600.28
345	625.97	657.69	657.69
350	677.62	711.89	711.89
355	721.90	758.35	758.35