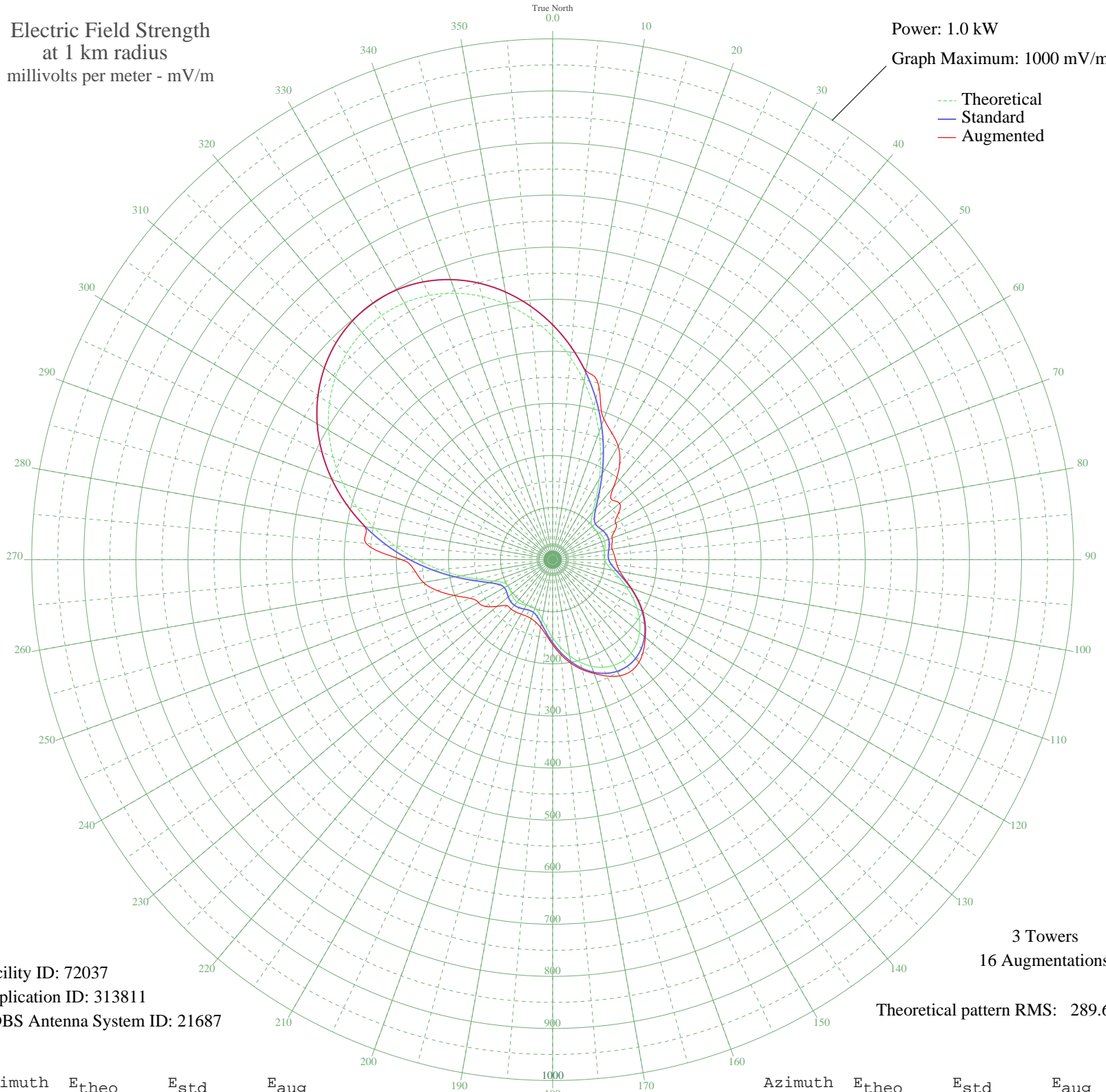


# KPUR AMARILLO, TX BL-- 1440 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 72037  
Application ID: 313811  
CDBS Antenna System ID: 21687

3 Towers  
16 Augmentations

Theoretical pattern RMS: 289.68

Azimuth	Etheo	Estd	Eaug
0	428.75	450.94	451.01
5	389.26	409.55	409.86
10	347.22	365.51	368.25
15	303.75	320.00	343.42
20	260.18	274.43	287.58
25	218.07	230.45	268.50
30	179.24	189.99	251.61
35	145.86	155.36	224.28
40	120.39	129.06	181.97
45	104.79	113.07	161.77
50	98.92	107.08	167.98
55	99.69	107.87	153.58
60	102.93	111.17	139.69
65	105.53	113.83	131.69
70	106.01	114.31	121.18
75	104.25	112.52	117.92
80	101.25	109.46	116.04
85	98.89	107.05	118.30
90	99.52	107.70	120.70
95	105.09	113.38	124.16
100	116.11	124.67	131.23
105	131.58	140.59	143.55
110	149.74	159.37	160.93
115	168.81	179.15	180.69
120	187.25	198.33	200.02
125	203.85	215.62	217.40
130	217.67	230.03	232.30
135	228.01	240.83	246.65
140	234.41	247.50	257.55
145	236.57	249.76	261.63
150	234.41	247.50	257.50
155	228.01	240.83	246.58
160	217.67	230.03	232.56
165	203.85	215.62	218.51
170	187.25	198.33	202.04
175	168.81	179.15	183.26

Azimuth	Etheo	Estd	Eaug
180	149.74	159.37	163.27
185	131.58	140.59	145.14
190	116.11	124.67	132.13
195	105.09	113.38	124.46
200	99.52	107.70	120.60
205	98.89	107.05	119.62
210	101.25	109.46	120.82
215	104.25	112.52	122.66
220	106.01	114.31	123.92
225	105.53	113.83	124.82
230	102.93	111.17	139.32
235	99.69	107.87	156.75
240	98.92	107.08	164.52
245	104.79	113.07	175.37
250	120.39	129.06	201.17
255	145.86	155.35	229.38
260	179.23	189.99	251.86
265	218.07	230.45	264.51
270	260.18	274.43	289.67
275	303.75	320.00	359.75
280	347.22	365.51	366.15
285	389.26	409.55	409.55
290	428.75	450.94	450.94
295	464.72	488.65	488.65
300	496.39	521.86	521.86
305	523.10	549.88	549.88
310	544.37	572.18	572.18
315	559.81	588.38	588.38
320	569.18	598.20	598.20
325	572.32	601.50	601.50
330	569.18	598.20	598.20
335	559.81	588.38	588.38
340	544.37	572.18	572.18
345	523.10	549.88	549.88
350	496.39	521.86	521.86
355	464.72	488.65	488.65

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