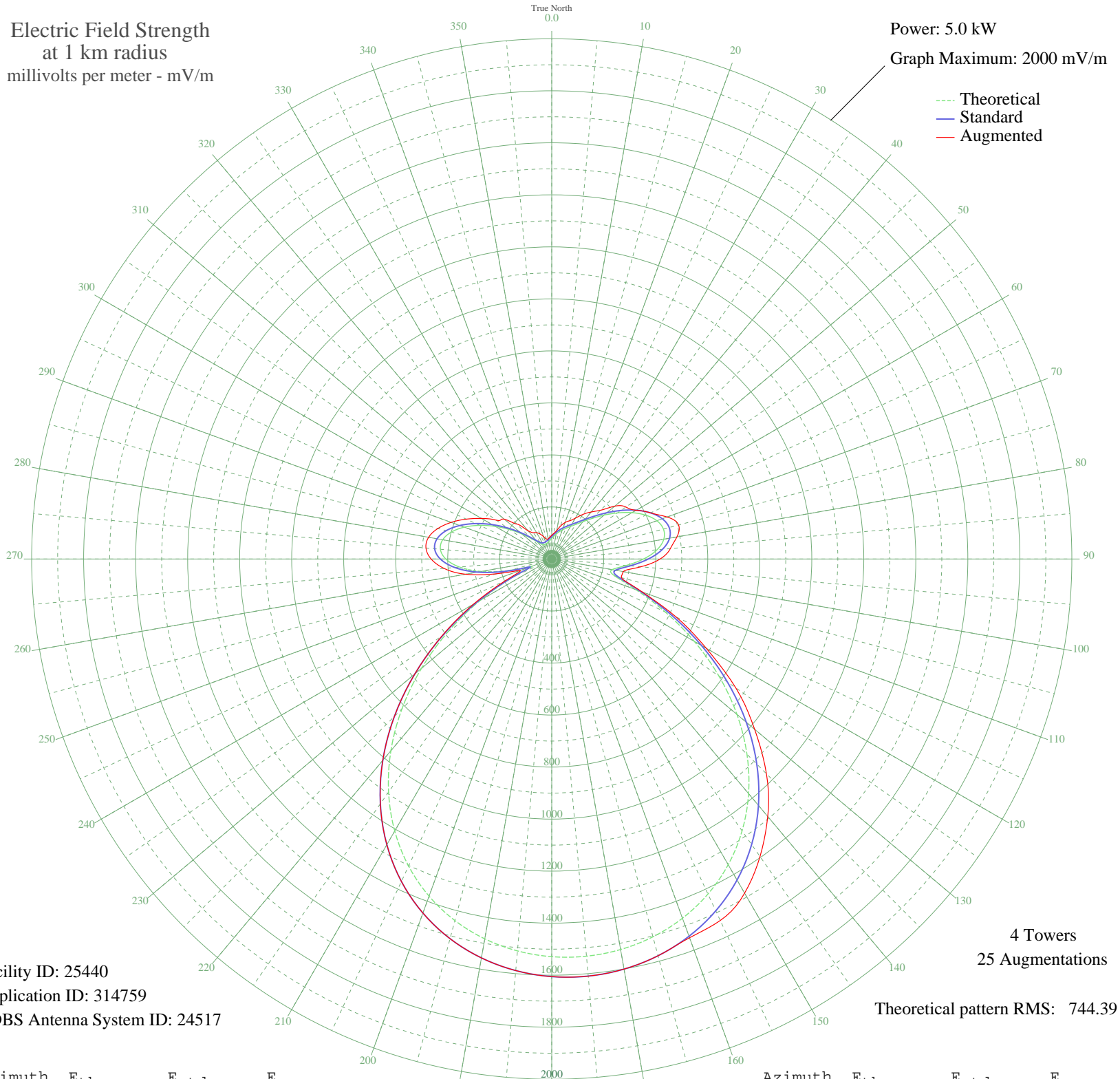


# KILT HOUSTON, TX BL-- 610 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 25440  
Application ID: 314759  
CDBS Antenna System ID: 24517

4 Towers  
25 Augmentations

Theoretical pattern RMS: 744.39

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	79.05	86.76	91.17
5	87.51	95.29	99.59
10	97.23	105.16	111.54
15	107.73	115.90	131.25
20	118.76	127.22	149.05
25	130.62	139.46	162.01
30	144.56	153.88	181.01
35	162.76	172.75	209.47
40	187.71	198.71	235.86
45	221.00	233.42	264.93
50	262.24	276.51	315.92
55	308.81	325.23	348.24
60	356.21	374.87	374.87
65	398.75	419.44	419.44
70	430.20	452.42	472.17
75	444.69	467.61	505.16
80	437.55	460.12	488.78
85	406.45	427.52	457.78
90	353.10	371.61	416.90
95	286.97	302.37	343.82
100	235.68	248.75	279.36
105	250.23	263.95	277.32
110	344.32	362.41	370.15
115	481.01	505.70	528.08
120	632.73	664.84	685.84
125	785.14	824.78	864.13
130	929.87	976.69	1018.51
135	1061.69	1115.06	1167.54
140	1177.56	1236.69	1292.15
145	1276.07	1340.11	1396.33
150	1357.06	1425.14	1483.26
155	1421.23	1492.50	1533.42
160	1469.71	1543.40	1549.55
165	1503.77	1579.16	1579.16
170	1524.55	1600.98	1600.98
175	1532.82	1609.66	1609.66

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1528.87	1605.52	1605.52
185	1512.48	1588.30	1588.30
190	1482.89	1557.24	1557.24
195	1438.96	1511.12	1511.12
200	1379.30	1448.49	1448.49
205	1302.52	1367.88	1367.88
210	1207.56	1268.19	1268.19
215	1093.97	1148.95	1148.95
220	962.34	1010.77	1010.77
225	814.54	855.64	855.64
230	653.99	687.16	687.16
235	485.80	510.72	515.25
240	317.13	333.95	347.37
245	160.29	170.19	195.09
250	79.82	87.53	129.29
255	171.09	181.41	219.55
260	275.34	290.21	337.03
265	355.85	374.49	415.62
270	407.40	428.52	463.99
275	429.84	452.03	485.59
280	425.76	447.76	480.82
285	399.77	420.52	453.25
290	357.71	376.44	411.70
295	305.92	322.21	362.51
300	250.55	264.29	311.78
305	197.02	208.41	260.15
310	149.69	159.19	238.22
315	111.77	120.04	190.07
320	85.15	92.90	141.52
325	69.86	77.57	123.31
330	63.34	71.13	116.92
335	61.74	69.56	105.92
340	62.32	70.14	91.32
345	64.16	71.94	79.05
350	67.37	75.10	79.19
355	72.28	79.98	84.41

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission