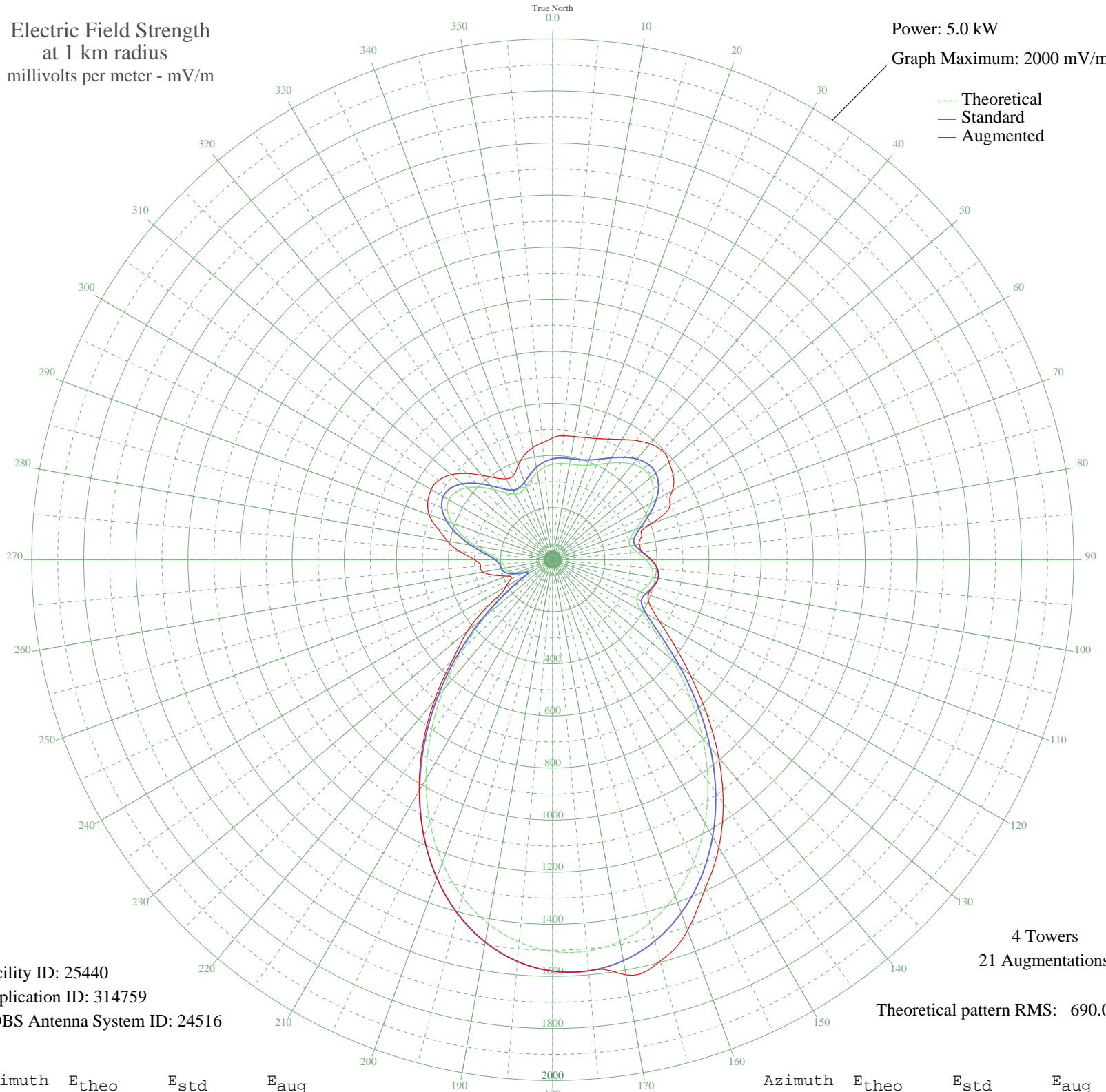


# KILT HOUSTON, TX BL-- 610 kHz

Daytime

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: 24516

4 Towers  
21 Augmentations

Theoretical pattern RMS: 690.02

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	366.67	387.24	467.60
5	371.19	391.97	477.27
10	373.06	393.92	480.01
15	376.56	397.57	485.14
20	385.94	407.37	495.10
25	403.47	425.68	510.92
30	428.00	451.32	533.05
35	455.12	479.69	558.45
40	478.61	504.26	580.80
45	492.10	518.38	593.54
50	490.52	516.73	583.00
55	471.22	496.53	564.88
60	435.03	458.67	530.75
65	387.32	408.81	497.18
70	339.18	358.57	401.55
75	306.67	324.69	354.06
80	303.07	320.93	337.96
85	325.72	344.53	344.53
90	357.76	377.94	377.94
95	382.19	403.46	403.46
100	389.37	410.95	410.95
105	378.59	399.69	399.69
110	359.90	380.18	390.63
115	355.64	375.73	412.07
120	392.43	414.14	473.28
125	479.26	504.95	569.10
130	603.37	634.90	689.84
135	746.80	785.24	835.87
140	895.22	940.90	991.40
145	1038.33	1091.04	1141.37
150	1168.90	1228.05	1275.88
155	1281.95	1346.69	1389.15
160	1374.17	1443.48	1515.03
165	1443.48	1516.23	1595.41
170	1488.67	1563.66	1618.99
175	1509.07	1585.07	1585.07

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1504.36	1580.12	1580.12
185	1474.47	1548.75	1548.75
190	1419.60	1491.16	1491.16
195	1340.33	1407.96	1407.96
200	1237.83	1300.38	1300.38
205	1114.08	1170.52	1170.62
210	972.18	1021.64	1025.19
215	816.53	858.36	869.66
220	652.96	686.87	707.12
225	488.77	514.90	542.72
230	332.81	351.92	429.57
235	196.73	210.71	284.33
240	104.56	117.41	207.44
245	103.33	116.21	177.50
250	145.57	158.42	183.44
255	174.88	188.28	230.02
260	185.99	199.67	272.12
265	190.32	204.12	277.14
270	206.11	220.38	300.11
275	244.48	260.06	357.11
280	299.96	317.70	410.45
285	359.24	379.49	456.07
290	410.38	432.90	504.57
295	445.33	469.45	528.64
300	459.98	484.76	538.94
305	453.81	478.32	533.18
310	429.55	452.94	507.51
315	392.67	414.40	468.03
320	351.04	370.94	423.19
325	314.15	332.48	383.34
330	291.22	308.60	358.55
335	287.07	304.28	356.41
340	299.01	316.71	385.90
345	319.27	337.81	416.44
350	340.11	359.54	437.72
355	356.55	376.69	451.27

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission