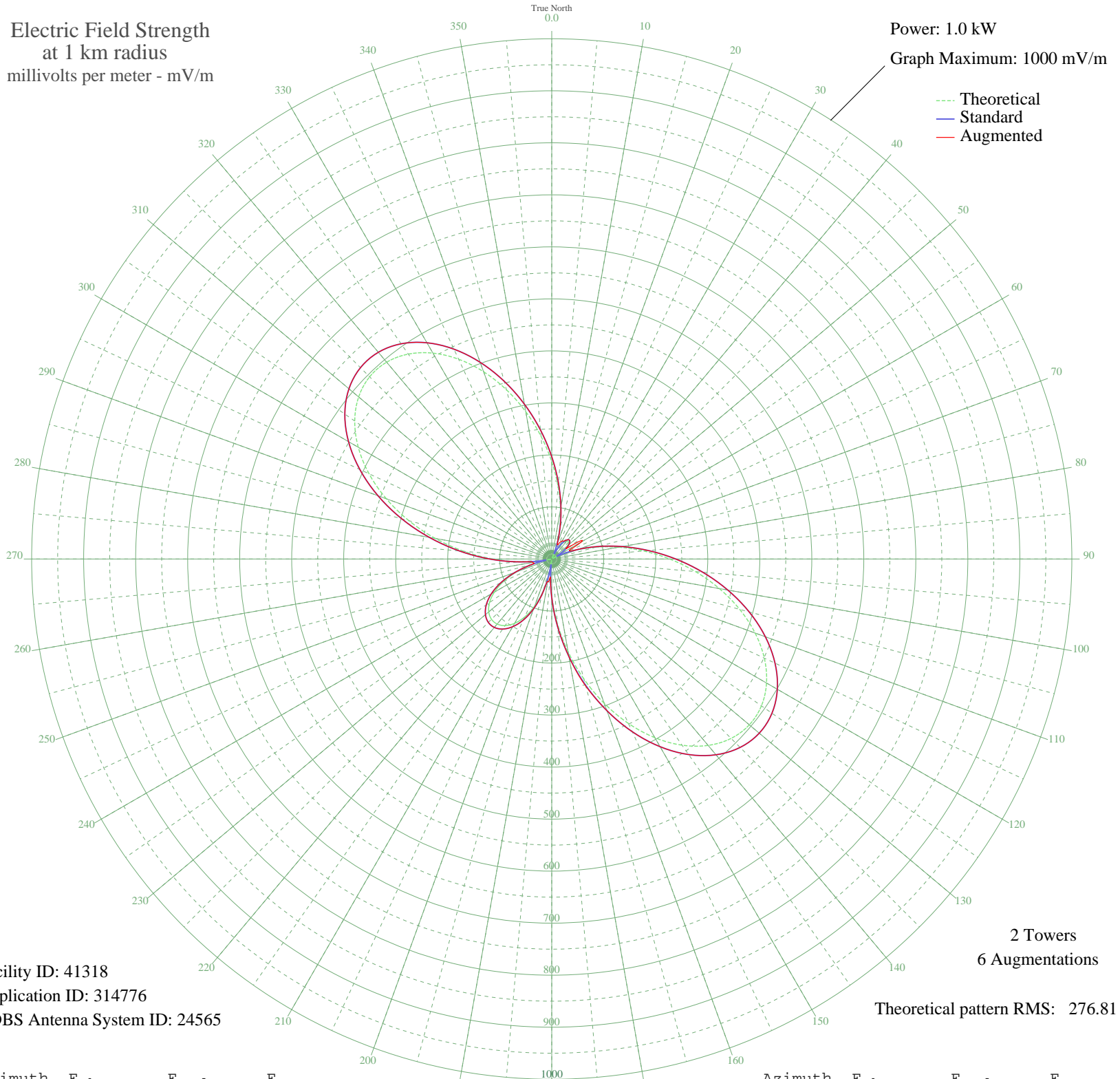


# KWAL WALLACE, ID BL-- 620 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 41318  
Application ID: 314776  
CDBS Antenna System ID: 24565

2 Towers  
6 Augmentations  
Theoretical pattern RMS: 276.81

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	187.03	196.66	196.66
5	139.64	147.00	147.00
10	96.05	101.39	101.39
15	57.29	61.06	61.06
20	24.12	27.41	31.28
25	2.95	10.95	33.40
30	23.60	26.92	39.98
35	37.67	40.92	42.18
40	45.05	48.45	48.45
45	45.72	49.14	49.14
50	39.68	42.97	42.97
55	26.95	30.18	36.64
60	7.60	13.19	66.07
65	18.20	21.81	38.18
70	50.19	53.73	53.73
75	87.88	92.87	92.87
80	130.58	137.51	137.51
85	177.31	186.47	186.47
90	226.77	238.34	238.34
95	277.35	291.41	291.41
100	327.17	343.69	343.69
105	374.16	393.01	393.01
110	416.14	437.08	437.08
115	451.01	473.68	473.68
120	476.87	500.82	500.82
125	492.19	516.90	516.90
130	495.94	520.85	520.85
135	487.72	512.22	512.22
140	467.77	491.27	491.27
145	436.93	458.90	458.90
150	396.63	416.60	416.60
155	348.73	366.32	366.32
160	295.36	310.30	310.30
165	238.74	250.89	253.12
170	181.07	190.41	190.72
175	124.35	130.99	130.99

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.

14 Mar 2019

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	70.30	74.56	74.56
185	20.32	23.78	34.41
190	24.57	27.85	44.13
195	63.64	67.64	67.64
200	96.49	101.85	101.85
205	122.89	129.46	129.46
210	142.80	150.30	150.30
215	156.23	164.38	164.38
220	163.25	171.73	171.73
225	163.88	172.40	172.40
230	158.14	166.38	166.38
235	146.00	153.66	153.66
240	127.39	134.17	134.17
245	102.28	107.91	107.91
250	70.72	74.99	74.99
255	32.86	36.07	37.69
260	10.91	15.54	37.12
265	59.94	63.81	63.81
270	113.27	119.40	119.40
275	169.59	178.38	178.38
280	227.22	238.81	238.81
285	284.22	298.62	298.62
290	338.43	355.50	355.50
295	387.60	407.11	407.11
300	429.57	451.17	451.17
305	462.43	485.67	485.67
310	484.65	508.99	508.99
315	495.26	520.13	520.13
320	493.88	518.68	518.68
325	480.82	504.97	504.97
330	456.96	479.92	479.92
335	423.75	445.06	445.06
340	383.03	402.31	402.31
345	336.87	353.86	353.86
350	287.44	301.99	301.99
355	236.85	248.91	248.91