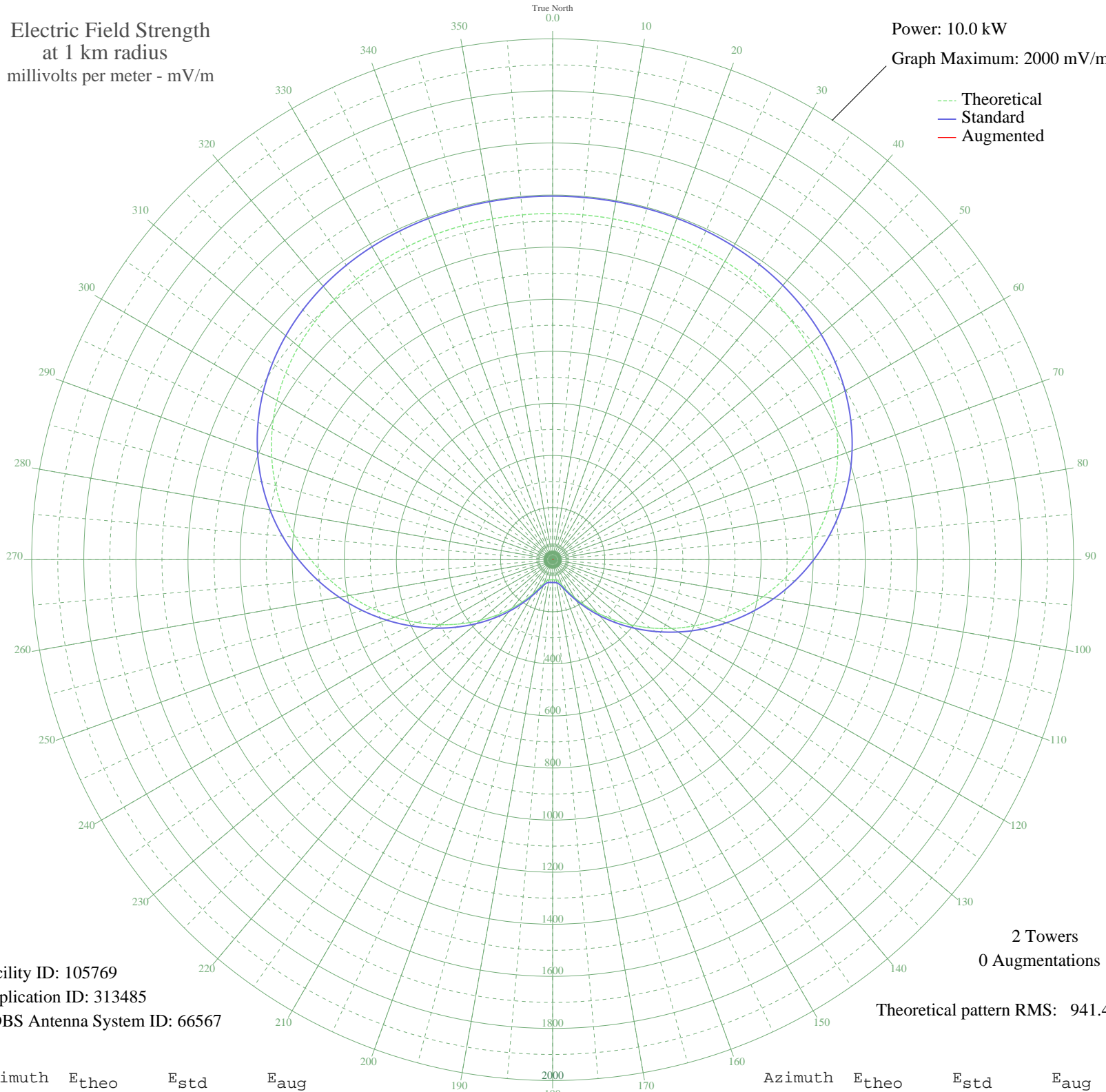


# CFOK WESTLOCK, AB Canada -- 1370 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 105769  
Application ID: 313485  
CDBS Antenna System ID: 66567

2 Towers  
0 Augmentations

Theoretical pattern RMS: 941.47

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1329.19	1396.04	
5	1329.18	1396.04	
10	1329.12	1395.97	
15	1328.83	1395.66	
20	1327.97	1394.77	
25	1326.13	1392.84	
30	1322.77	1389.30	
35	1317.26	1383.52	
40	1308.95	1374.80	
45	1297.13	1362.40	
50	1281.15	1345.62	
55	1260.37	1323.81	
60	1234.27	1296.40	
65	1202.41	1262.97	
70	1164.55	1223.23	
75	1120.60	1177.10	
80	1070.65	1124.68	
85	1015.02	1066.29	
90	954.20	1002.46	
95	888.87	933.91	
100	819.88	861.52	
105	748.20	786.32	
110	674.92	709.44	
115	601.16	632.09	
120	528.09	555.49	
125	456.88	480.87	
130	388.67	409.45	
135	324.55	342.39	
140	265.59	280.84	
145	212.87	225.97	
150	167.52	179.00	
155	130.76	141.25	
160	103.84	113.98	
165	87.32	97.52	
170	79.77	90.10	
175	77.64	88.03	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	77.43	87.82	
185	77.48	87.87	
190	78.49	88.85	
195	83.39	93.65	
200	96.01	106.14	
205	118.75	129.03	
210	151.71	162.72	
215	193.78	206.16	
220	243.70	258.03	
225	300.29	317.05	
230	362.47	382.04	
235	429.18	451.86	
240	499.32	525.34	
245	571.78	601.29	
250	645.41	678.49	
255	719.02	755.70	
260	791.48	831.71	
265	861.66	905.36	
270	928.57	975.56	
275	991.28	1041.38	
280	1049.06	1102.01	
285	1101.33	1156.87	
290	1147.70	1205.54	
295	1188.00	1247.84	
300	1222.23	1283.77	
305	1250.60	1313.55	
310	1273.45	1337.53	
315	1291.28	1356.25	
320	1304.68	1370.32	
325	1314.31	1380.43	
330	1320.86	1387.30	
335	1325.00	1391.65	
340	1327.38	1394.15	
345	1328.57	1395.40	
350	1329.05	1395.90	
355	1329.17	1396.03	

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