

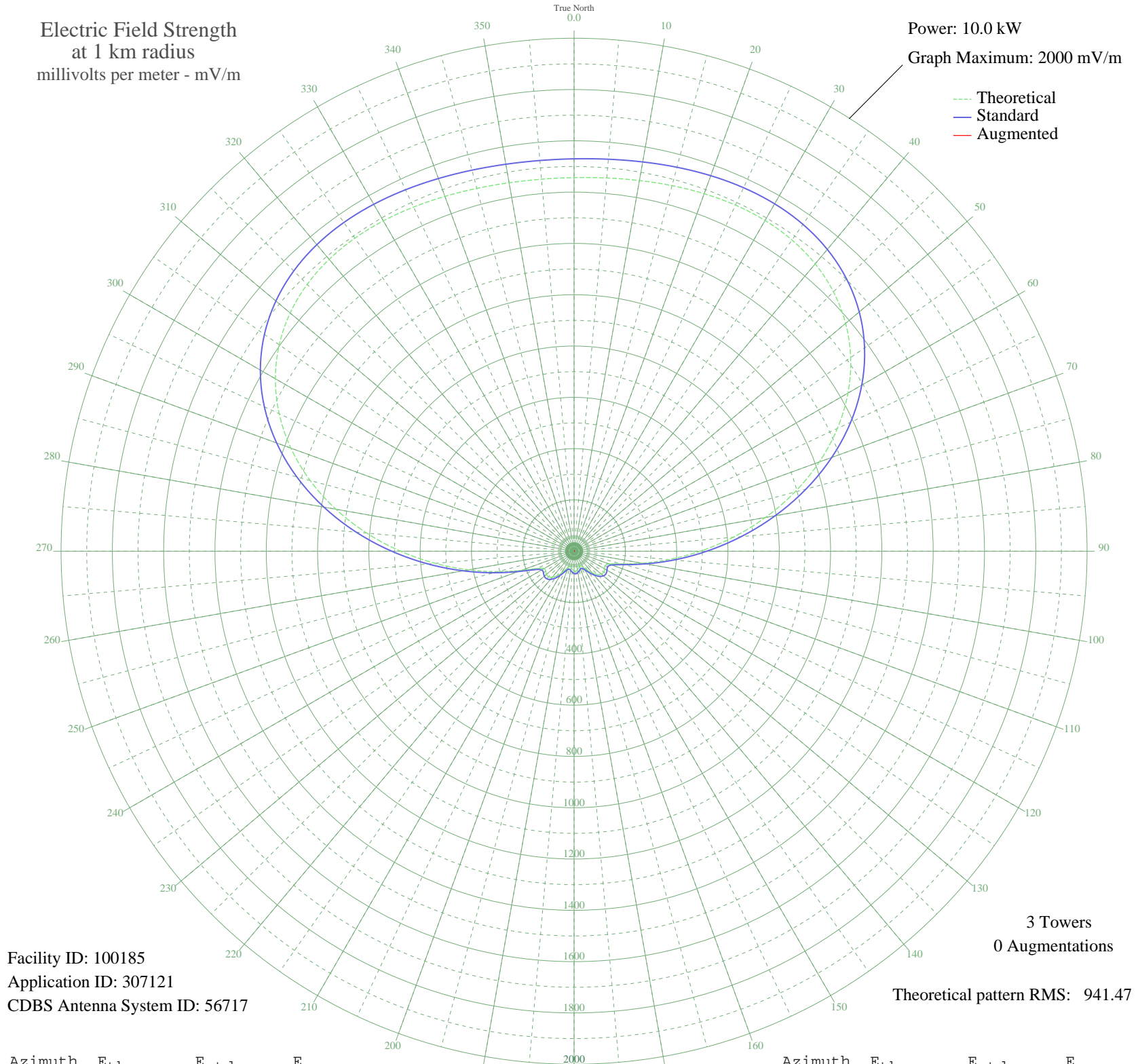
CKSA LLOYDMINSTER, AB Canada -- 1080 kHz

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: 100185  
Application ID: 307121  
CDBS Antenna System ID: 56717

3 Towers  
0 Augmentations

Theoretical pattern RMS: 941.47

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1456.61	1529.80	
5	1460.67	1534.07	
10	1467.42	1541.14	
15	1475.61	1549.75	
20	1483.51	1558.04	
25	1488.87	1563.67	
30	1489.07	1563.88	
35	1481.26	1555.67	
40	1462.52	1536.00	
45	1430.14	1502.01	
50	1381.90	1451.37	
55	1316.34	1382.56	
60	1233.03	1295.11	
65	1132.77	1189.87	
70	1017.65	1069.05	
75	891.06	936.20	
80	757.50	796.07	
85	622.34	654.30	
90	491.49	517.13	
95	371.24	391.21	
100	268.30	283.67	
105	190.41	202.67	
110	145.59	156.43	
115	133.37	143.92	
120	137.55	148.19	
125	141.67	152.42	
130	138.68	149.36	
135	127.67	138.10	
140	110.57	120.75	
145	90.83	100.99	
150	73.04	83.57	
155	62.44	73.49	
160	61.75	72.84	
165	67.53	78.29	
170	74.04	84.53	
175	77.56	87.95	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	76.64	87.06	
185	71.64	82.23	
190	64.83	75.74	
195	60.93	72.08	
200	65.52	76.39	
205	79.59	89.92	
210	98.78	108.90	
215	117.94	128.22	
220	132.95	143.50	
225	140.88	151.60	
230	140.67	151.39	
235	135.17	145.76	
240	135.14	145.73	
245	159.21	170.43	
250	218.01	231.31	
255	306.94	323.99	
260	417.65	439.79	
265	542.91	571.03	
270	676.22	710.81	
275	811.43	852.65	
280	942.81	990.50	
285	1065.29	1119.05	
290	1174.80	1233.99	
295	1268.46	1332.30	
300	1344.69	1412.32	
305	1403.21	1473.74	
310	1444.88	1517.49	
315	1471.50	1545.44	
320	1485.53	1560.16	
325	1489.79	1564.63	
330	1487.19	1561.90	
335	1480.52	1554.90	
340	1472.26	1546.23	
345	1464.46	1538.05	
350	1458.68	1531.97	
355	1455.91	1529.07	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission