

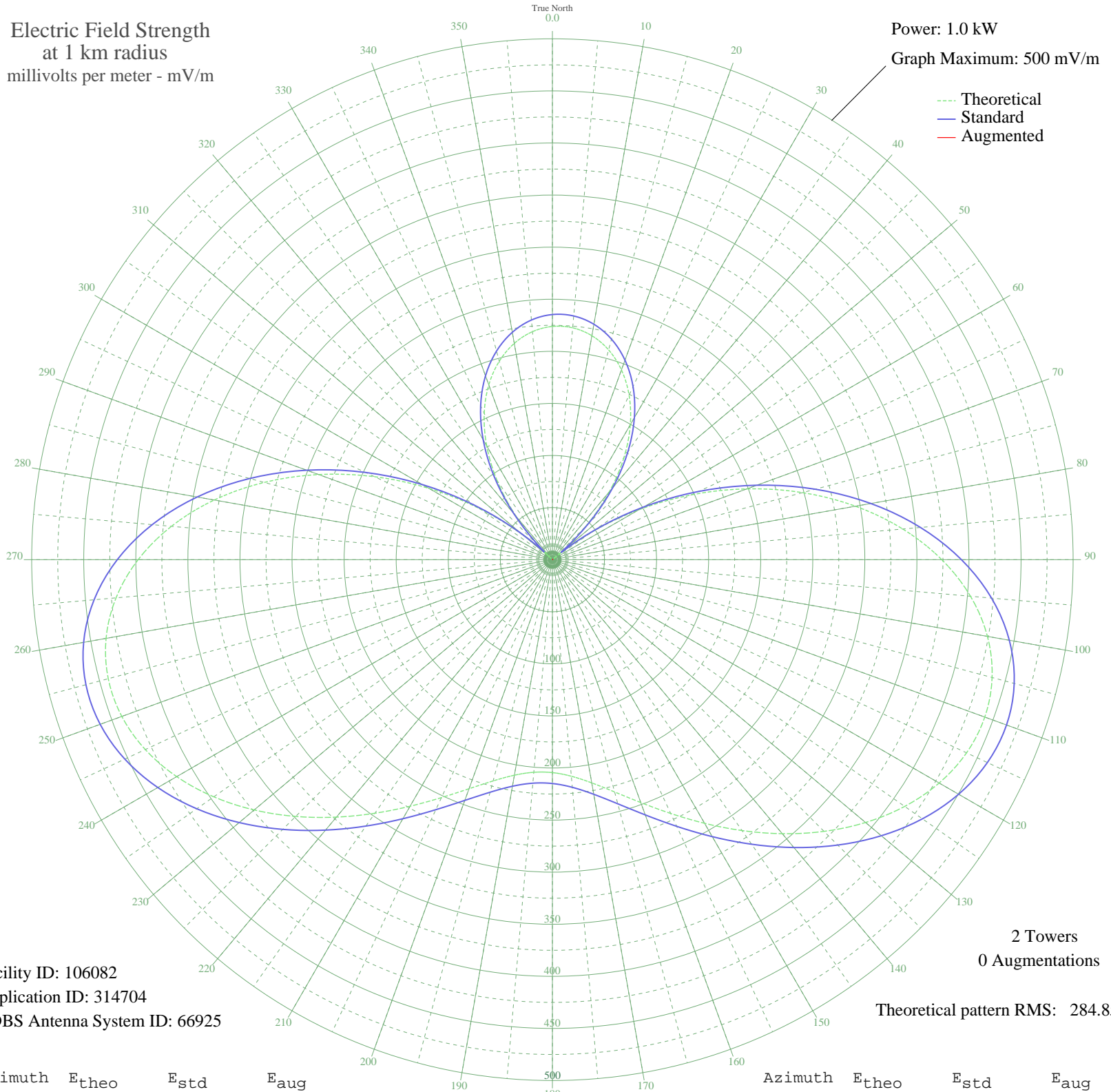
CKXR SALMON ARM, BC Canada -- 580 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 106082
Application ID: 314704
CDBS Antenna System ID: 66925

2 Towers
0 Augmentations

Theoretical pattern RMS: 284.85

Azimuth	E _{theo}	E _{std}	E _{aug}
0	223.89	235.32	
5	223.43	234.83	
10	218.32	229.47	
15	208.50	219.17	
20	193.85	203.81	
25	174.25	183.27	
30	149.60	157.43	
35	119.85	126.28	
40	85.09	89.96	
45	45.56	48.98	
50	1.74	10.66	
55	45.68	49.10	
60	95.73	101.06	
65	147.20	154.92	
70	198.70	208.90	
75	248.67	261.31	
80	295.53	310.48	
85	337.74	354.78	
90	373.93	392.77	
95	403.00	423.28	
100	424.18	445.51	
105	437.10	459.08	
110	441.83	464.04	
115	438.80	460.86	
120	428.82	450.38	
125	412.97	433.75	
130	392.53	412.29	
135	368.88	387.46	
140	343.40	360.73	
145	317.45	333.48	
150	292.23	307.02	
155	268.82	282.46	
160	248.13	260.74	
165	230.86	242.63	
170	217.58	228.70	
175	208.68	219.37	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	204.41	214.89	
185	204.89	215.39	
190	210.10	220.85	
195	219.90	231.13	
200	234.01	245.93	
205	252.01	264.82	
210	273.31	287.17	
215	297.16	312.19	
220	322.62	338.91	
225	348.58	366.16	
230	373.80	392.63	
235	396.92	416.90	
240	416.55	437.50	
245	431.32	453.01	
250	439.99	462.11	
255	441.52	463.72	
260	435.18	457.06	
265	420.59	441.75	
270	397.79	417.82	
275	367.23	385.73	
280	329.74	346.38	
285	286.48	300.99	
290	238.87	251.04	
295	188.47	198.17	
300	136.86	144.09	
305	85.56	90.45	
310	35.95	39.18	
315	10.82	15.47	
320	53.83	57.49	
325	92.44	97.62	
330	126.21	132.93	
335	154.94	163.02	
340	178.57	187.80	
345	197.17	207.30	
350	210.84	221.63	
355	219.71	230.94	

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

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Federal Communications Commission