

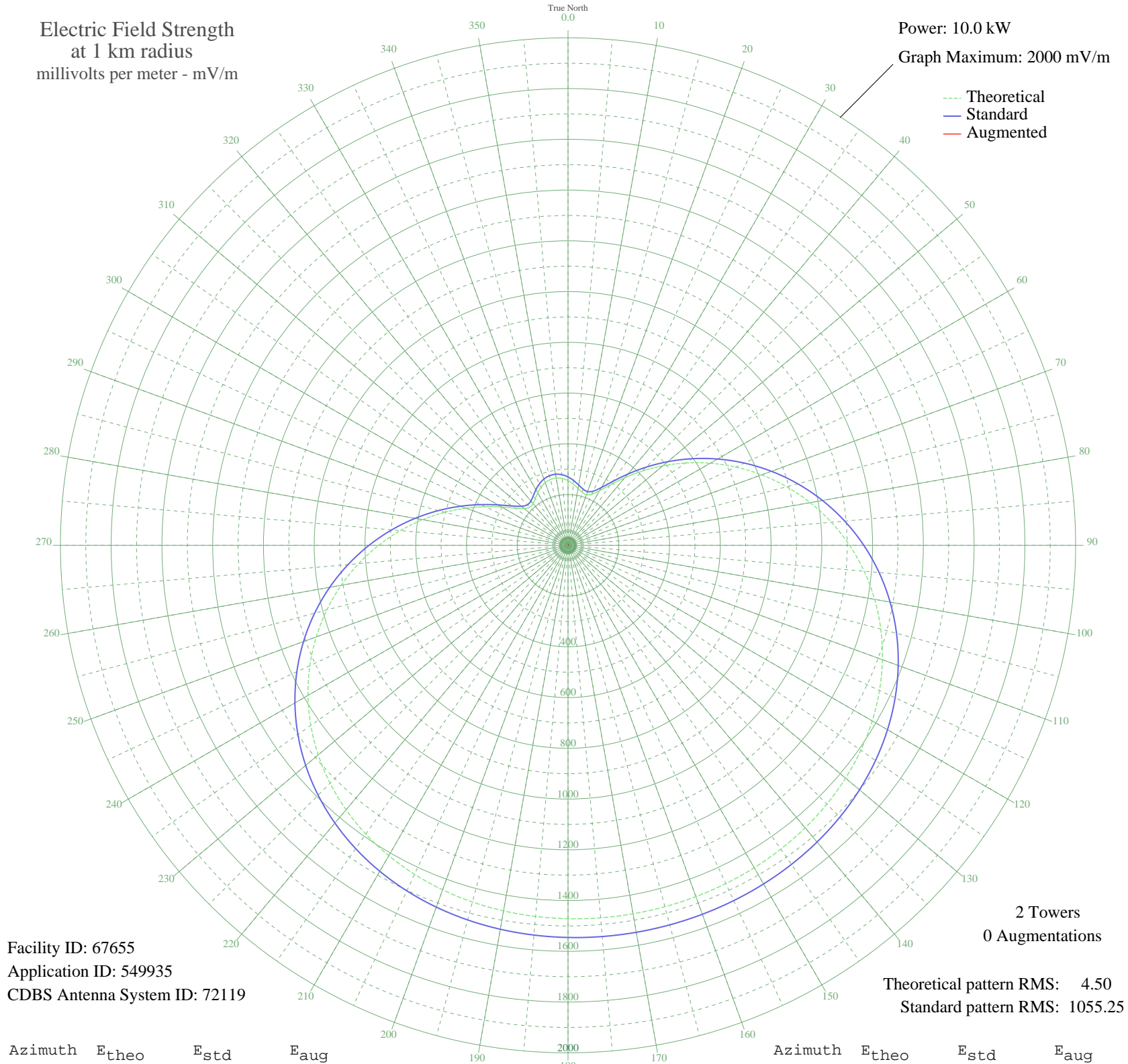
# KSEN SHELBY, MT BL-20010122ANN 1150 kHz

Daytime

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: 67655  
Application ID: 549935  
CDBS Antenna System ID: 72119

2 Towers  
0 Augmentations

Theoretical pattern RMS: 4.50  
Standard pattern RMS: 1055.25

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	254.71	269.50	
5	241.70	255.95	
10	227.51	241.18	
15	215.90	229.12	
20	212.17	225.24	
25	221.92	235.37	
30	248.42	262.95	
35	291.16	307.52	
40	347.30	366.18	
45	413.57	435.51	
50	487.12	512.55	
55	565.60	594.80	
60	646.99	680.15	
65	729.54	766.73	
70	811.64	852.87	
75	891.87	937.05	
80	968.95	1017.94	
85	1041.78	1094.37	
90	1109.46	1165.40	
95	1171.29	1230.30	
100	1226.81	1288.58	
105	1275.76	1339.96	
110	1318.13	1384.43	
115	1354.06	1422.15	
120	1383.92	1453.49	
125	1408.17	1478.95	
130	1427.40	1499.13	
135	1442.26	1514.73	
140	1453.42	1526.45	
145	1461.54	1534.98	
150	1467.23	1540.95	
155	1471.01	1544.92	
160	1473.32	1547.34	
165	1474.44	1548.52	
170	1474.54	1548.62	
175	1473.63	1547.67	

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1471.58	1545.52	
185	1468.12	1541.89	
190	1462.85	1536.36	
195	1455.27	1528.39	
200	1444.76	1517.36	
205	1430.70	1502.60	
210	1412.39	1483.38	
215	1389.20	1459.03	
220	1360.51	1428.92	
225	1325.82	1392.51	
230	1284.76	1349.41	
235	1237.13	1299.41	
240	1182.91	1242.50	
245	1122.31	1178.89	
250	1055.75	1109.04	
255	983.89	1033.61	
260	907.57	953.53	
265	827.88	869.91	
270	746.04	784.05	
275	663.46	697.43	
280	581.70	611.69	
285	502.49	528.66	
290	427.78	450.39	
295	359.84	379.29	
300	301.43	318.24	
305	255.74	270.57	
310	225.85	239.45	
315	212.89	225.98	
320	214.34	227.49	
325	224.83	238.40	
330	238.86	252.99	
335	252.33	267.02	
340	262.68	277.80	
345	268.45	283.82	
350	268.99	284.38	
355	264.23	279.42	