Attachment A

The rigorous analysis was performed using the following design parameters in accordance with ANSI/TIA 222-G-2005, Structural Standard for Antenna Supporting Structures and Antennas, including addendum 1, 222-G-1, dated 2007:

Structure Classification II
90mph basic wind speed with no ice
60mph basic wind speed with ¼" design ice thickness
Exposure Category C
Topographic Category 1
0.12 earthquake spectral response acceleration at short periods (S_S)
Earthquake Site Class D

Seismic effects need not be considered as the value of S_S is less than 1.0 per Section 2.7.3 of ANSI/TIA 222-G. The design ice thickness is ¼", therefore the ice loading case need not be considered per Section 2.6.5 of ANSI/TIA 222-G.

Load and resistance factors used to evaluate the adequacy of the structure were also in accordance with ANSI/TIA 222-G.