

ANSYS Workbench Class3 Error Report**ERROR NO:**

WB2013-17

Keywords:

RESPONSE SPECTRUM REMOTE DISPLACEMENT FORCE REACTION
MOMENT REACTION RS ACCELERATION MISSING MASS EFFECT RIGID RESPONSE
EFFECT

Description of Error:

Force and moment reactions at remote displacements in a response spectrum analysis are incorrect when missing mass effects and/or rigid response effects are included in the acceleration excitations.

Typical GUI Path(s):

Response Spectrum -> Insert RS Acceleration -> Set Missing Mass Effect to Yes and/or Rigid Response Effect to Yes Solution
-> Insert Probe -> Select Force Reaction and Moment Reaction

Other Comments:

None

First Incorrect Version:

Release 14.0

Corrected In:

Release 15.0

Suggested User Action For Running on Uncorrected Version:

Do not include missing mass and/or rigid response effects in the acceleration excitations.

Author Signature:

Samuel Khor 9/23/2013

Reviewed By QA:

Bill Bryan 9/23/2013

Approval:

Dave Conover 9/23/2013