

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

2012-14

**Keywords:**

SPECTRUM MPRS SPRS MISSING MASS EXPANSION

**Description of Error:**

When a partial expansion of the modes is performed (SIGNIF or FREQB on the MXPAND command) prior to a single point or multiple point response spectrum analysis (ANTYPE,SPECTRUM with SPOPT,SPRS or MPRS), the missing mass response (MMASS,ON) is incorrect. However, in the particular case where the expanded modes are the first n extracted modes, the missing mass response is correct.

**Typical GUI Path(s):**

Main Menu&gt;Solution&gt;Analysis Type&gt;Analysis Options

MMASS cannot be accessed from a menu

**Other Comments:****First Incorrect Version:**

Release 12.0

**Corrected In:**

Release 14.5

**Suggested User Action For Running on Uncorrected Version:**

When all modes are expanded or the first n modes are expanded, the missing mass calculation is correct.

**Author Signature:**

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**Reviewed By QA:**

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**Approval:**

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