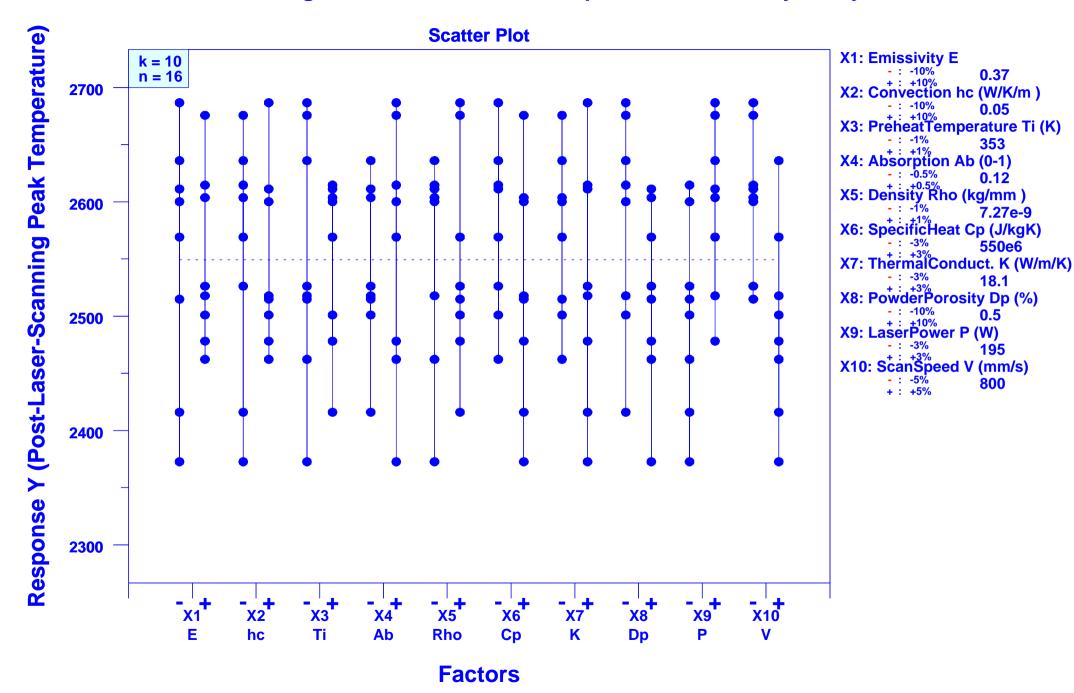
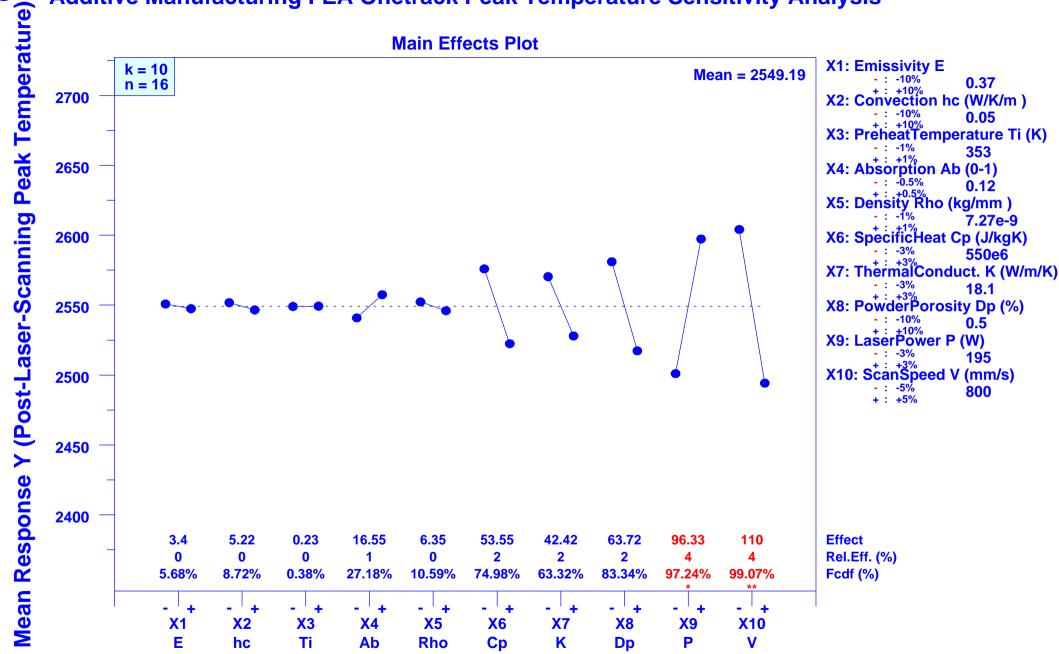


**Factor Settings** 

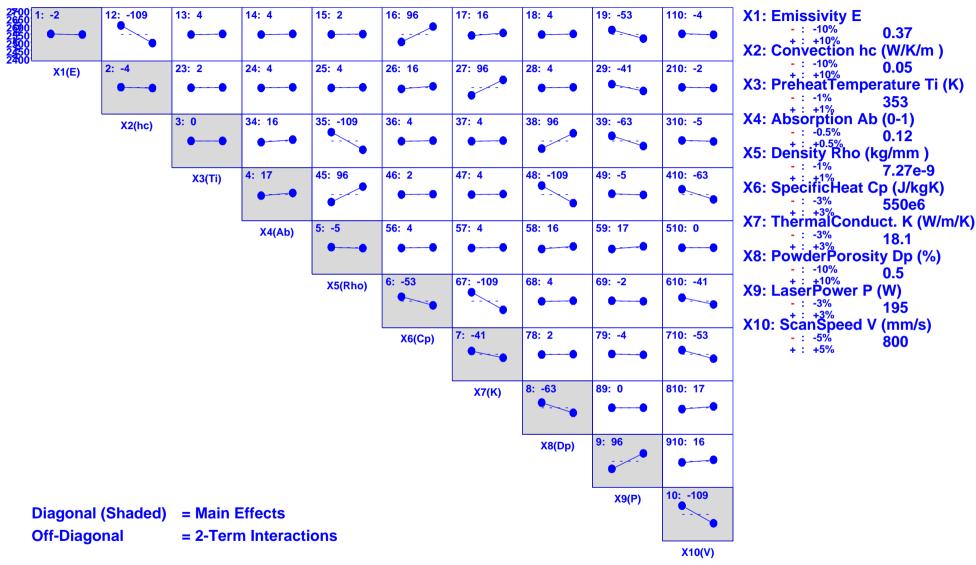


# **3**

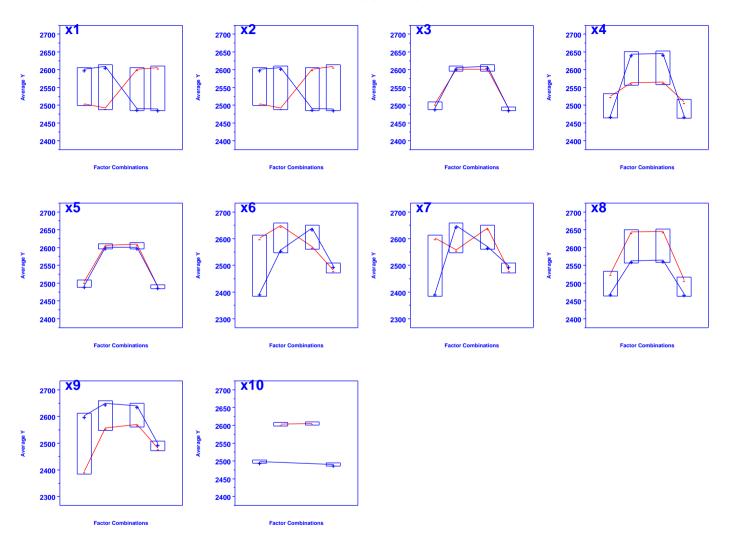


**Factors** 

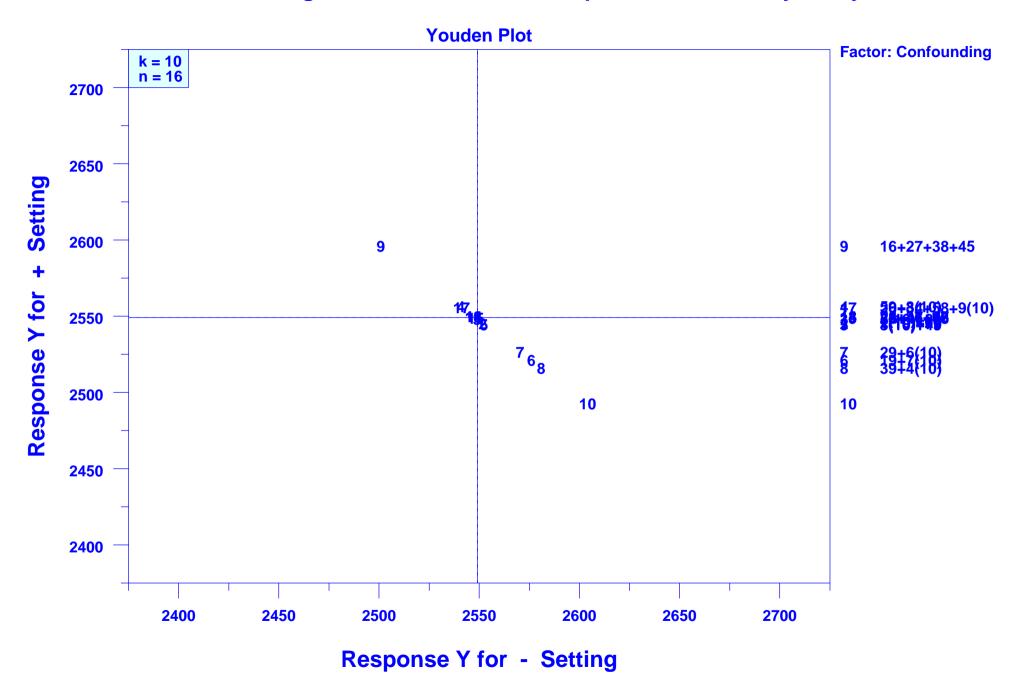
#### **Interaction Effects Matrix**

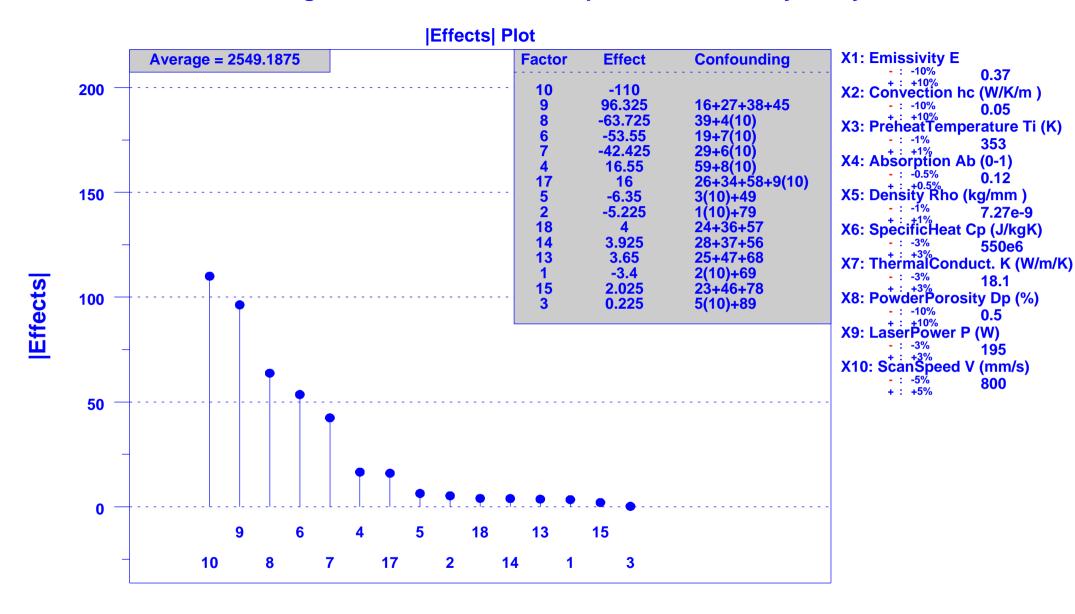


#### **Block Plot**

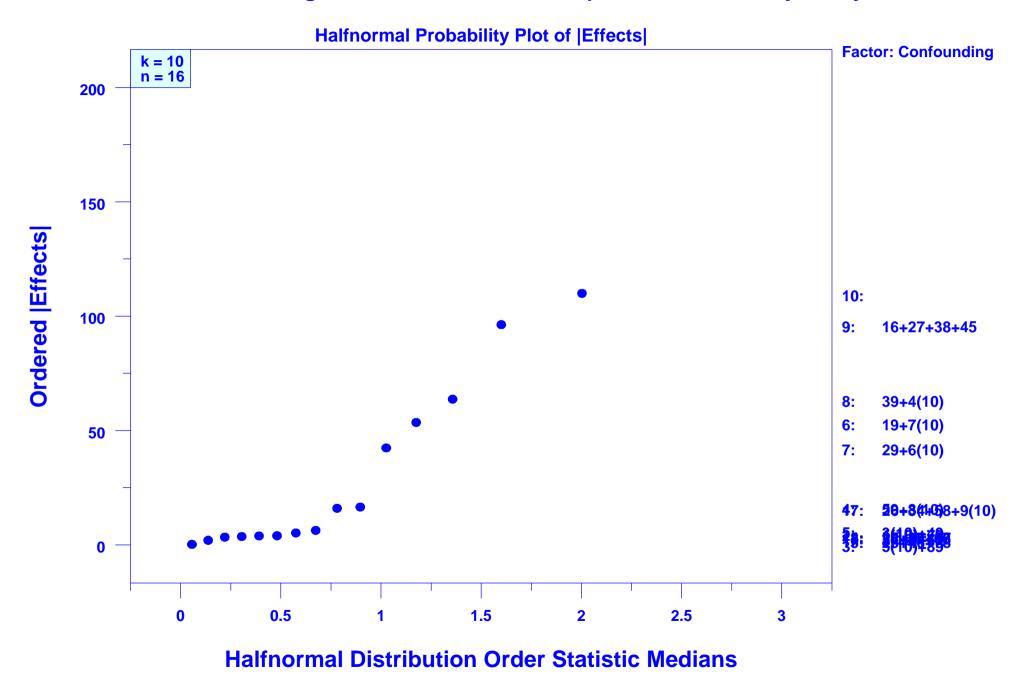




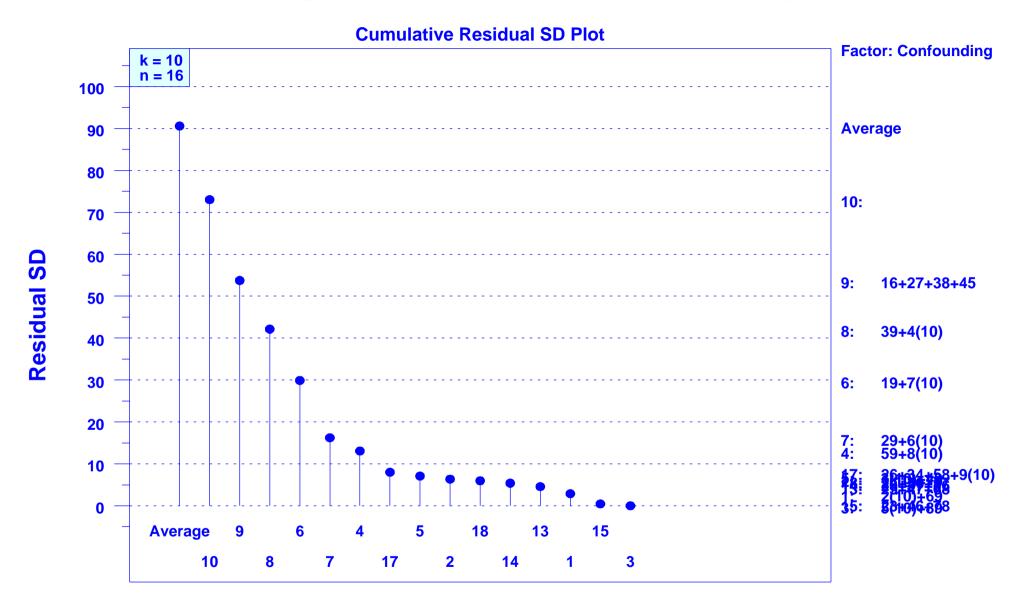




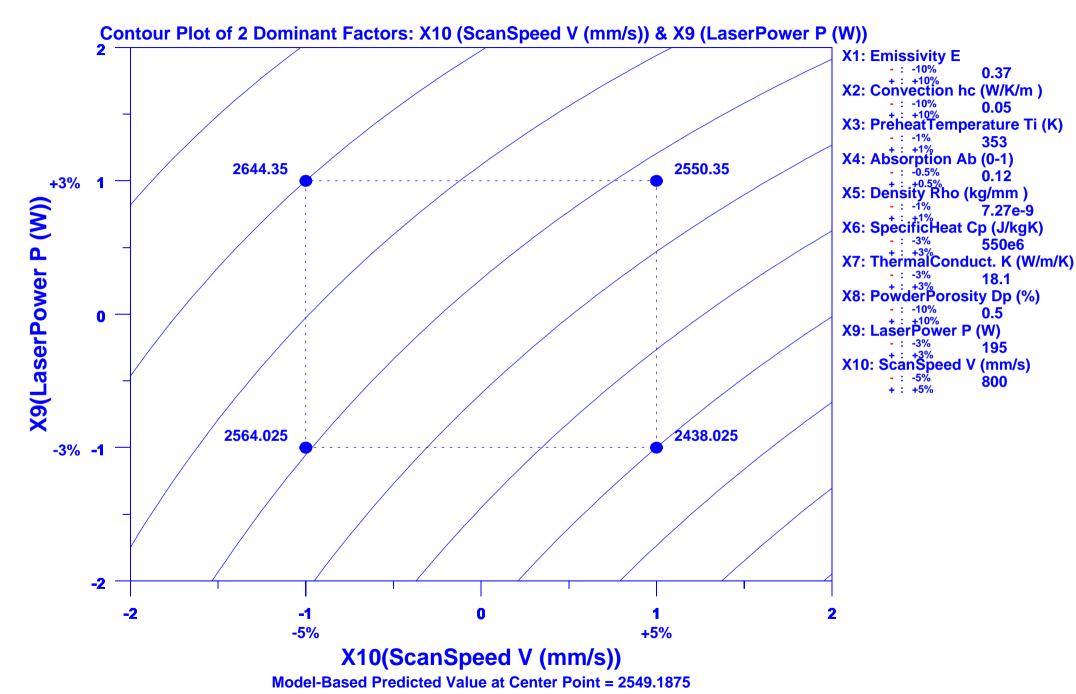
**Factor** 



ma\_10\_16.dp



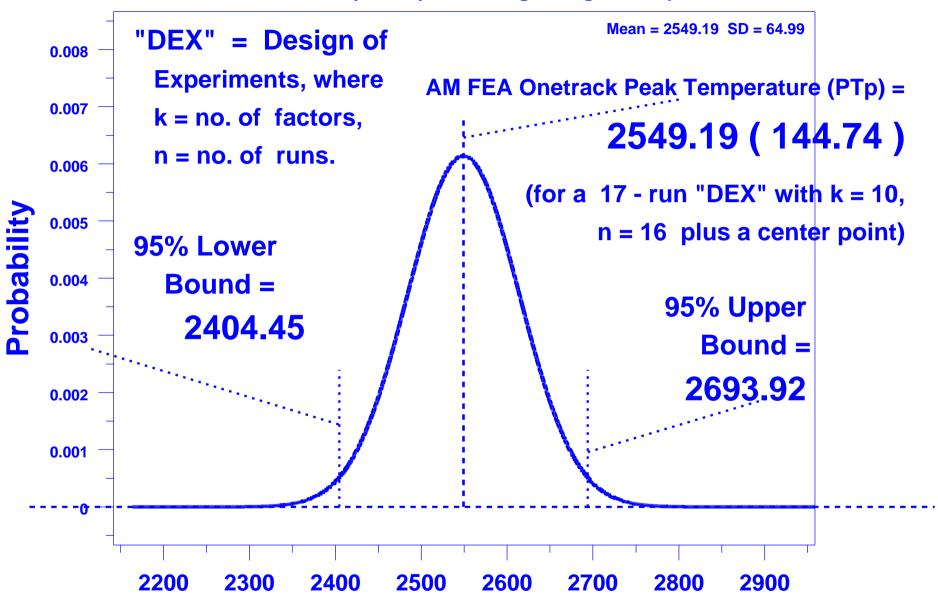
**Cumulative Model** 



served Single Data Value at Center Point = 2537.7

#### **AM FEA OneTrack Peak Temperature**

**Materials Sensitivity Analysis, Using Design of Experiments** 



AM FEA Onetrack Peak Temperature (PTp) (sd = 64.99)

ma\_10\_16.dp

Percent variation of Rh0 (+/- 1.0), k0 (+/- 3.0), E0 (+/- 10.0), A0 (+/- 1.0)