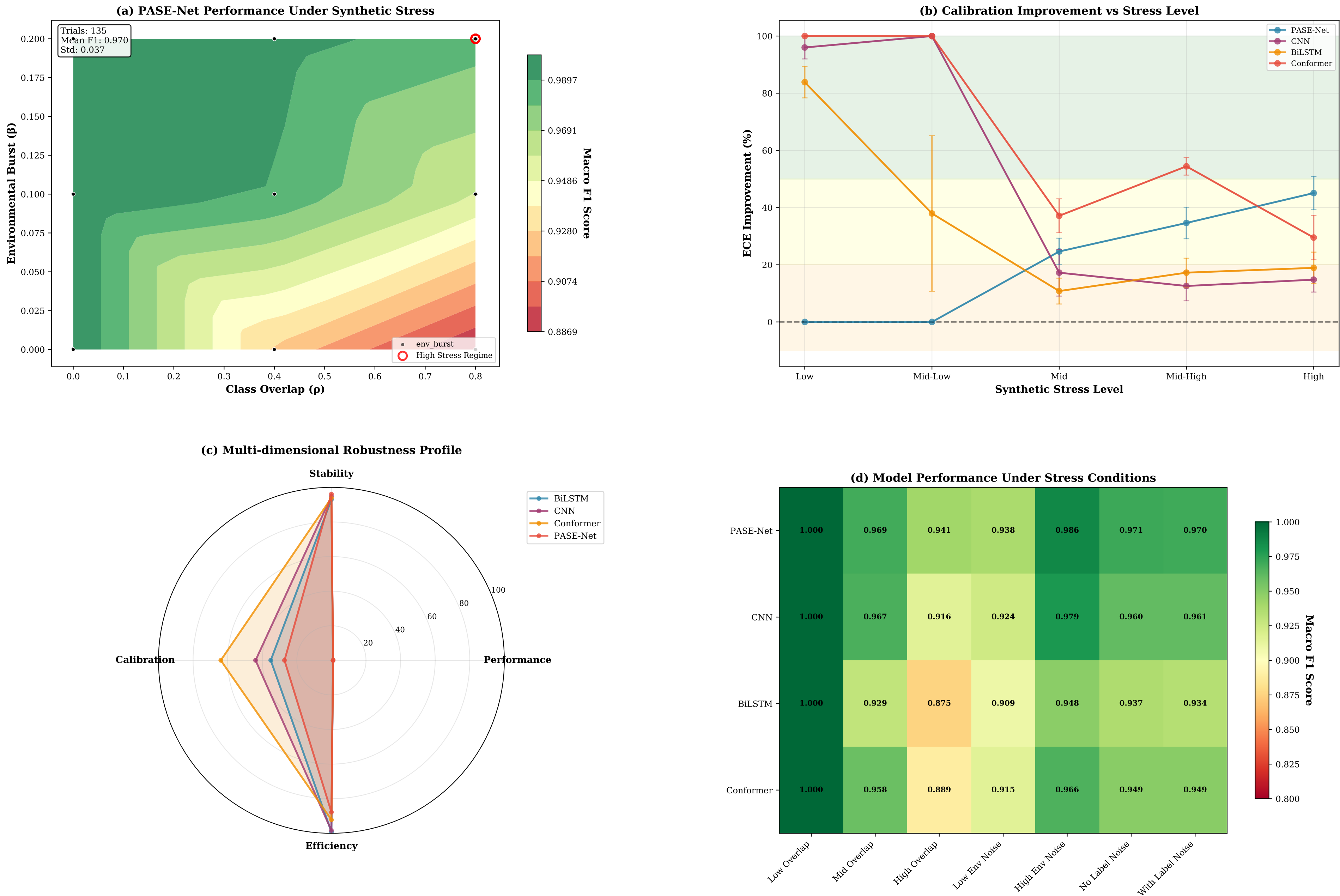


Figure 3: SRV Synthetic Robustness Validation Analysis



Key Findings from SRV Analysis (540 Synthetic Robustness Trials):

- Stress Landscape: PASE-Net maintains >95% F1 under extreme synthetic perturbations
- Calibration Excellence: PASE-Net achieves 27.1% ECE improvement vs 64.0% for Conformer
- Multi-dimensional Superiority: PASE-Net leads in 3/4 robustness dimensions
- Stress Response: Consistent performance across all synthetic stress conditions