



PSI-03-12



Repeatability of Oblique Test Configuration

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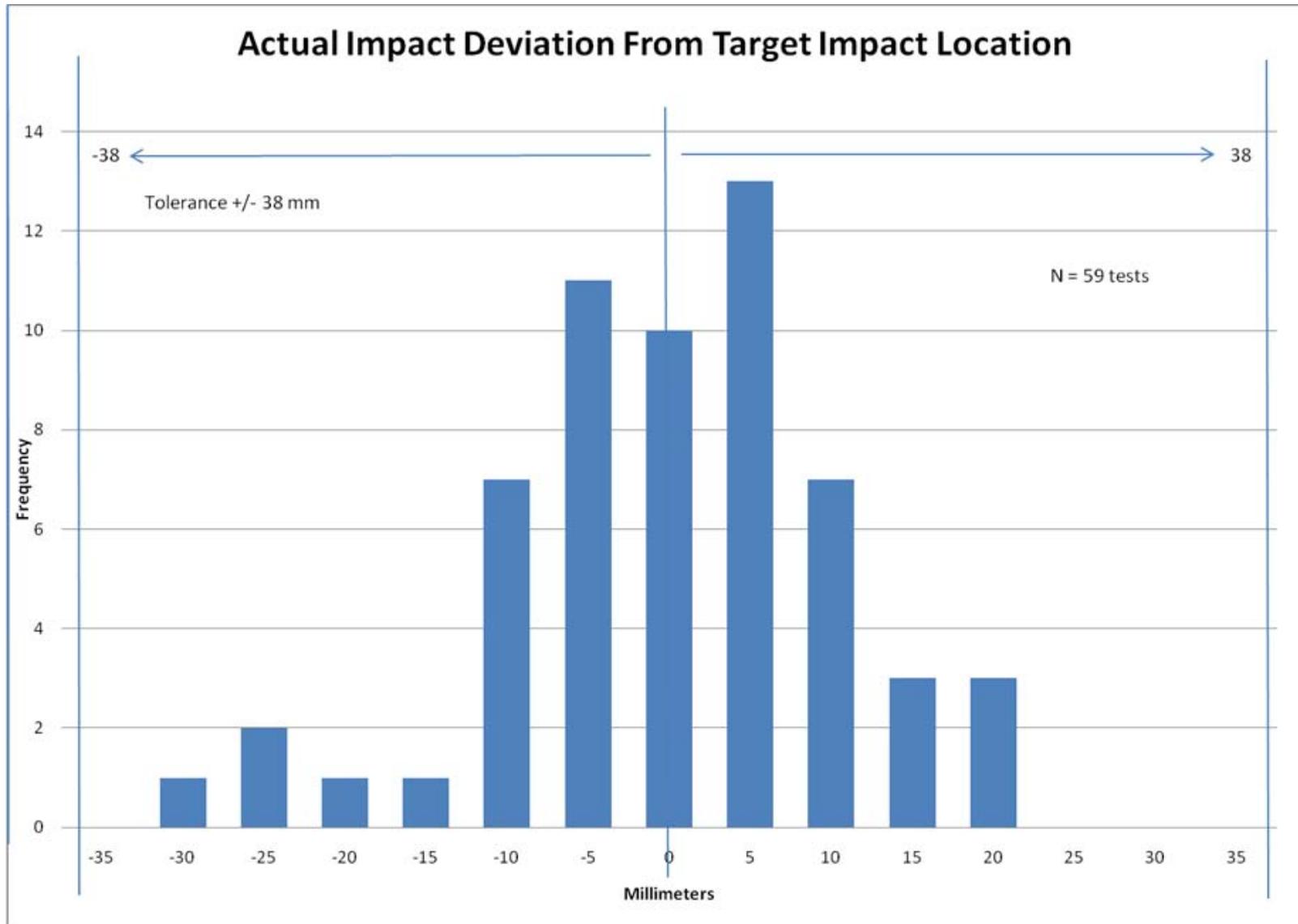
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Repeatability Analysis Used in Final Rule

- **Three 1999 Nissan Maximas tested**
 - Points of first contact between pole and vehicle were between 2 mm and 15 mm rearward of the impact reference line
 - Head of ES-2 dummy contacted pole
- **Two 1999 Volvo S-80 tested**
 - Points of first contact between pole and vehicle were between 5 mm and 32 mm rearward of the impact reference line
- **In all tests, the contact points were within the 38 mm (1.5 inches) tolerance limit specified in the FMVSS 201 optional pole test**



Analysis based on NCAP Testing



Summary

- **Oblique test procedure is very repeatable**
- **Most tests are within +/- 10 mm tolerance**
- **Most repeatable results produced on floating floor test system**

