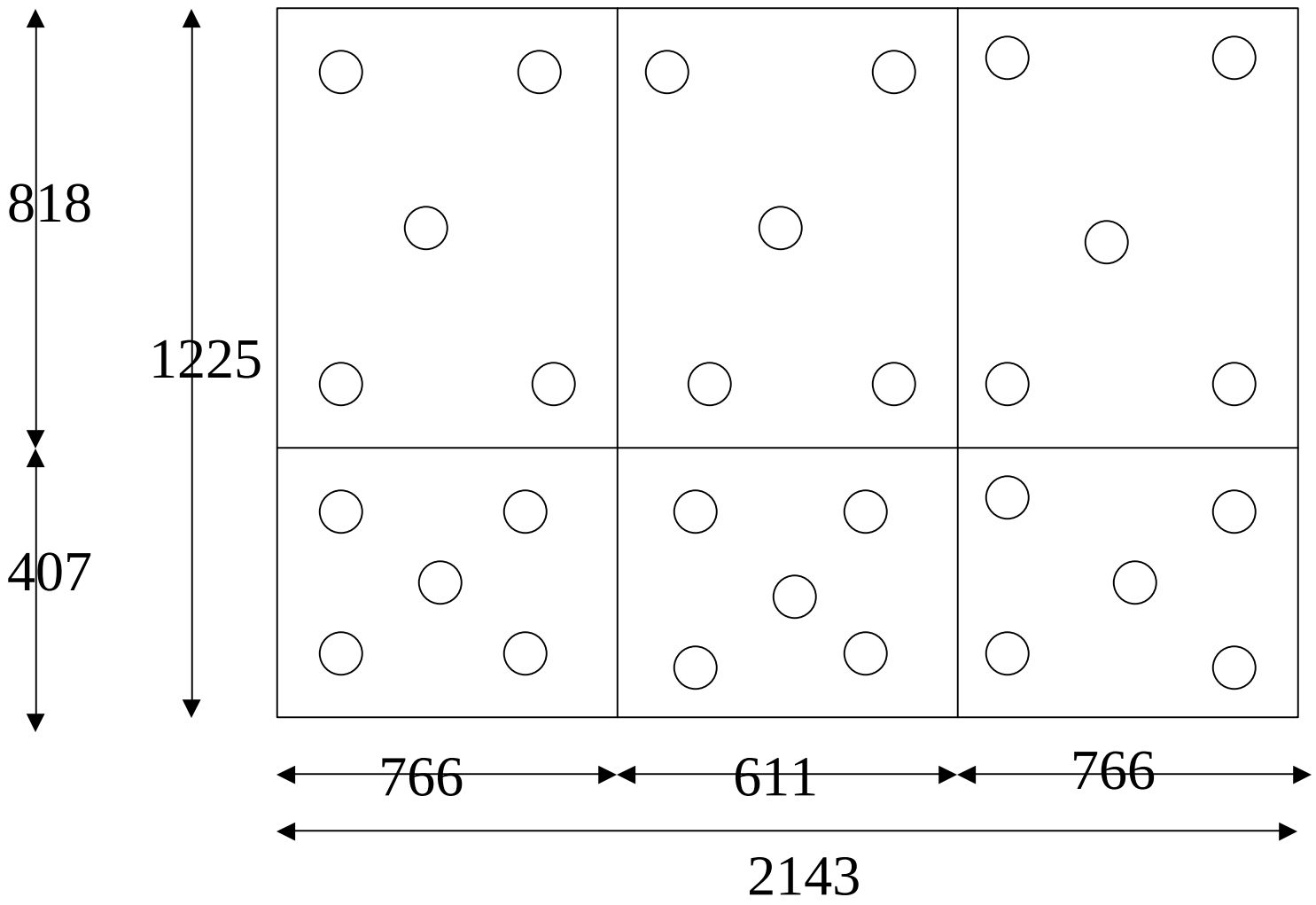
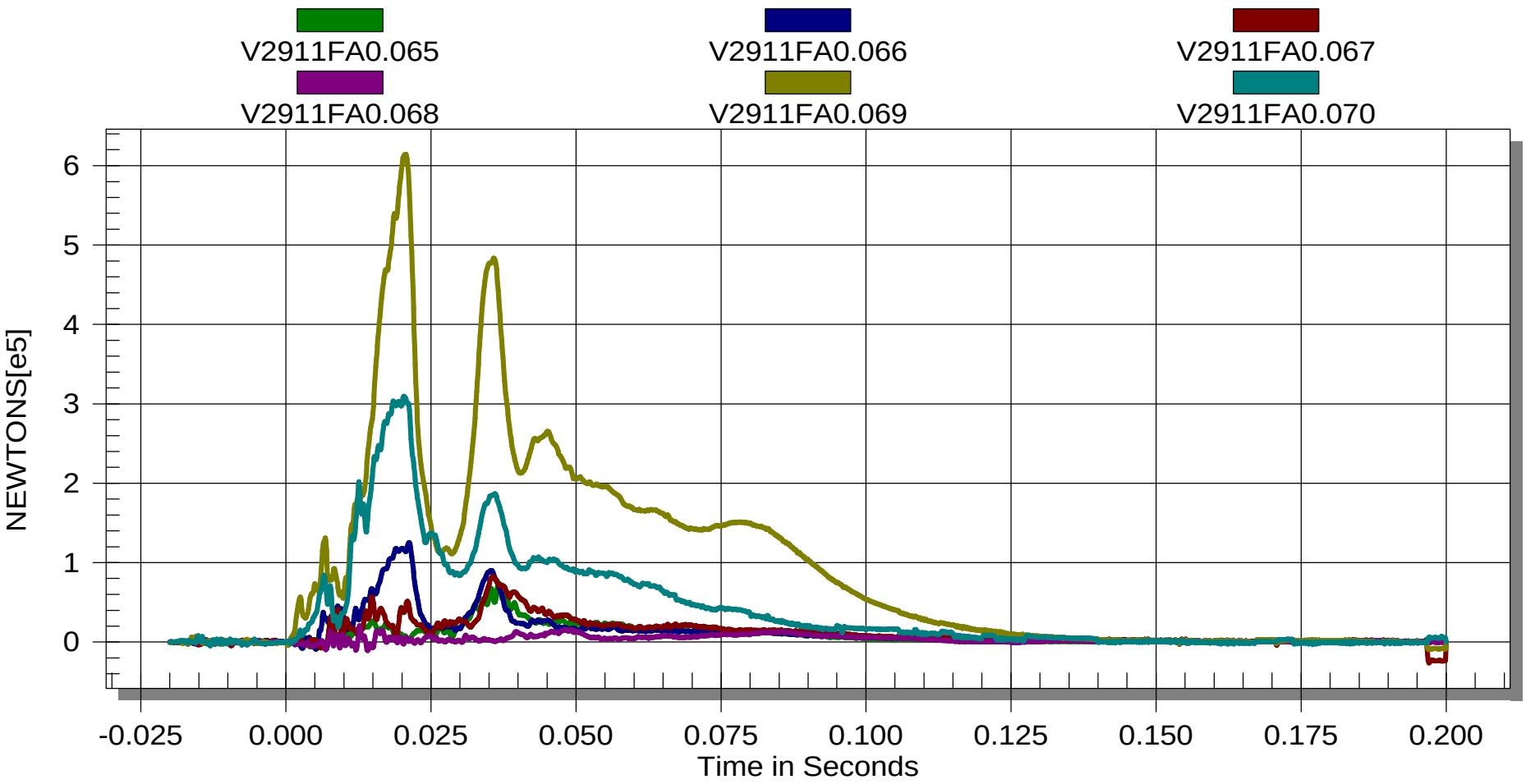
# MGA Barrier

## (6 Groups / 5 load cells each)

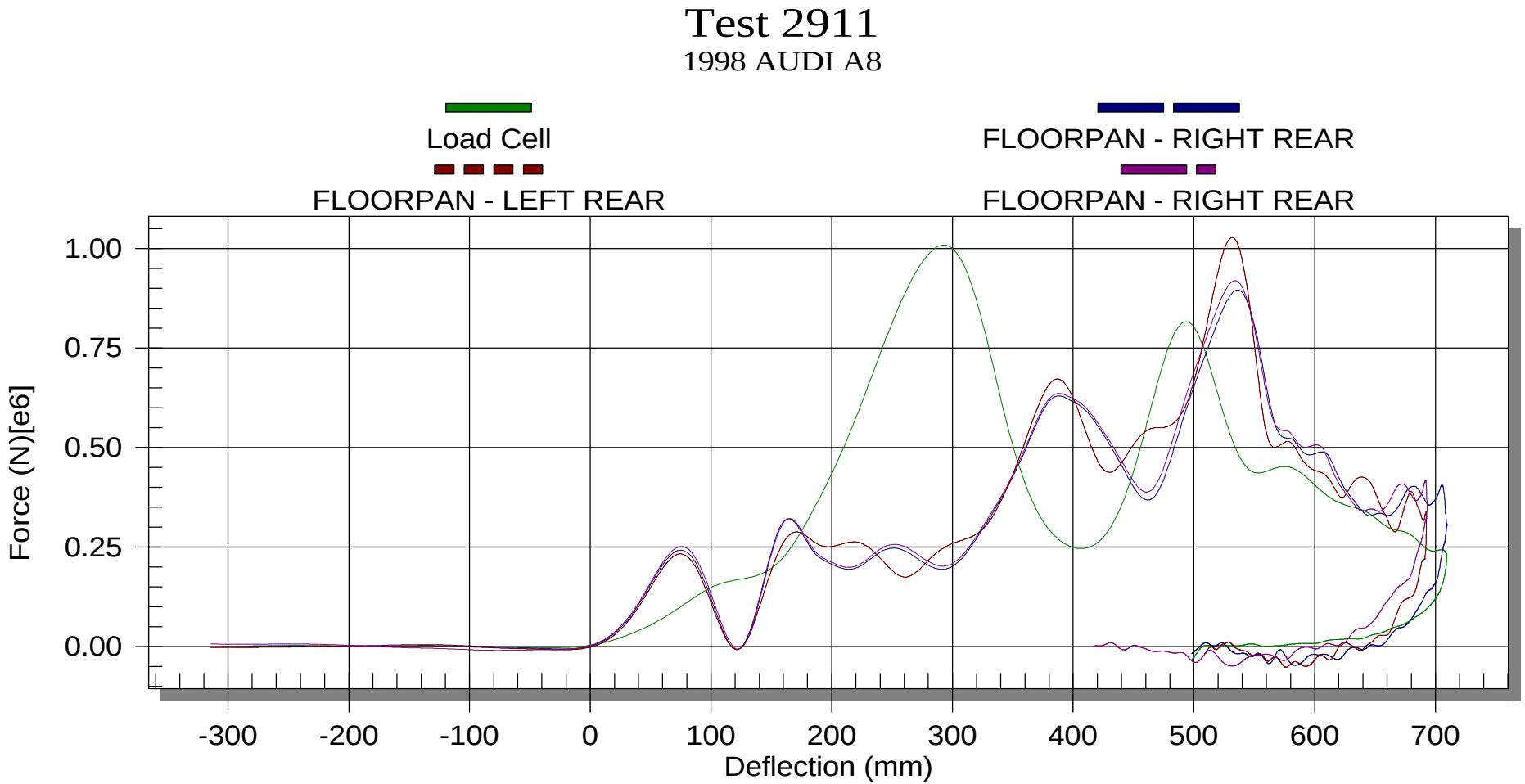


# Test Data f

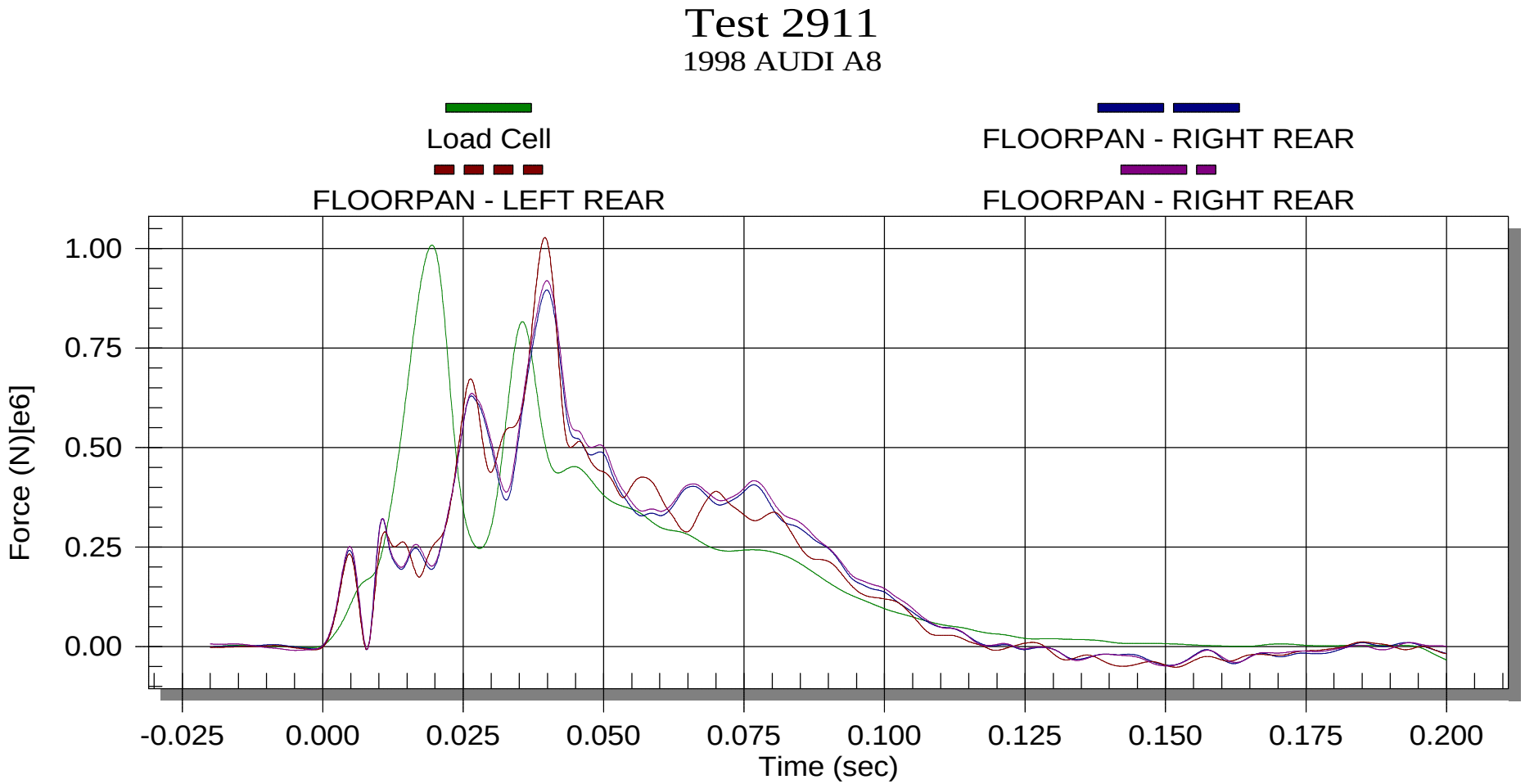
| Tstno | Curno | InsCom |
|---|---|---|
| 2911 | 65 | Barrier Force Upper Left - in KiloNewtons |
| 2911 | 66 | Barrier Force Upper Center - in KiloNewtons |
| 2911 | 67 | Barrier Force Upper Right - in KiloNewtons |
| 2911 | 68 | Barrier Force Lower Left - in KiloNewtons |
| 2911 | 69 | Barrier Force Lower Center - in KiloNewtons |
| 2911 | 70 | Barrier Lower Right - in KiloNewtons |



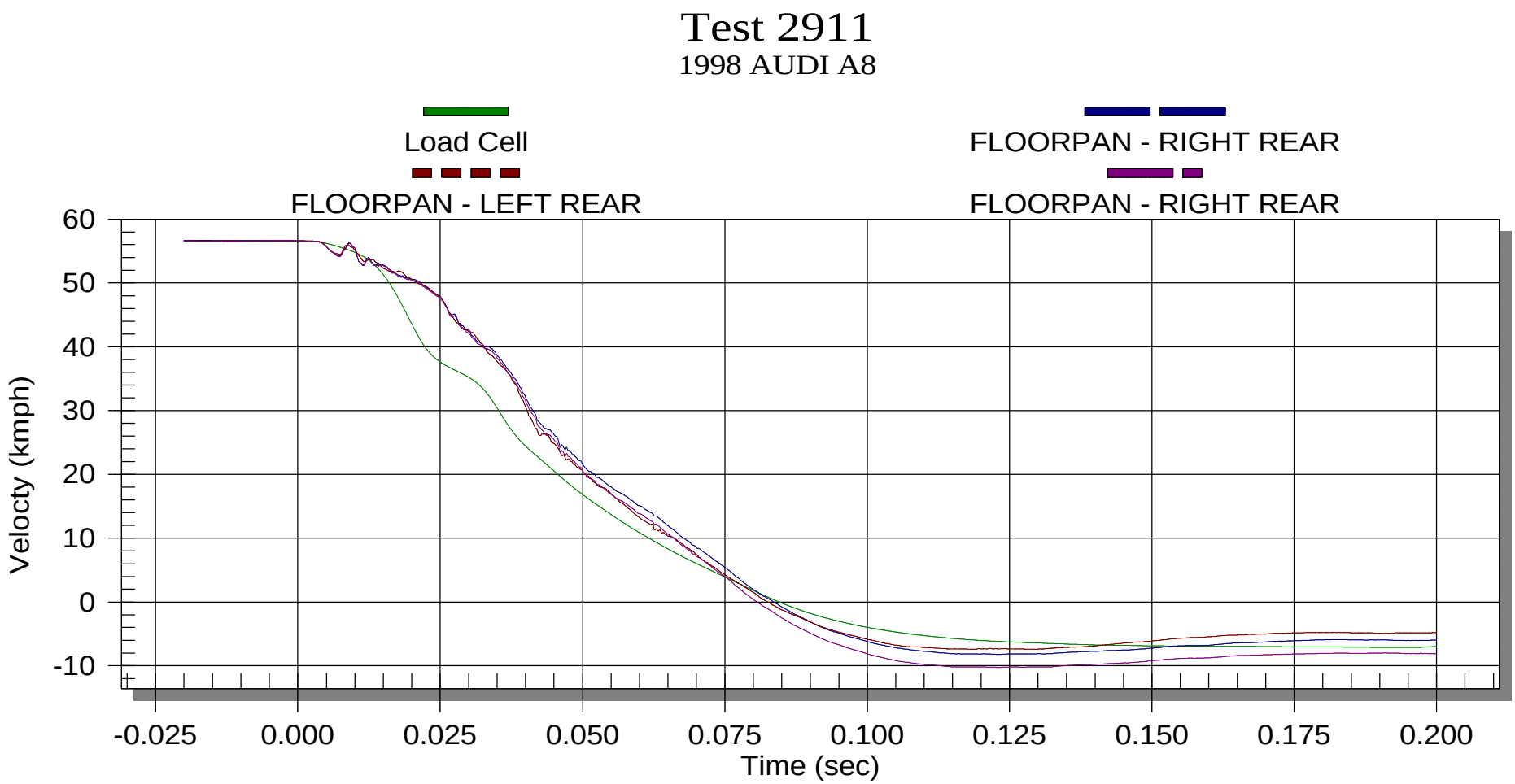

Note: the double hump appears in 3 of 6 channels



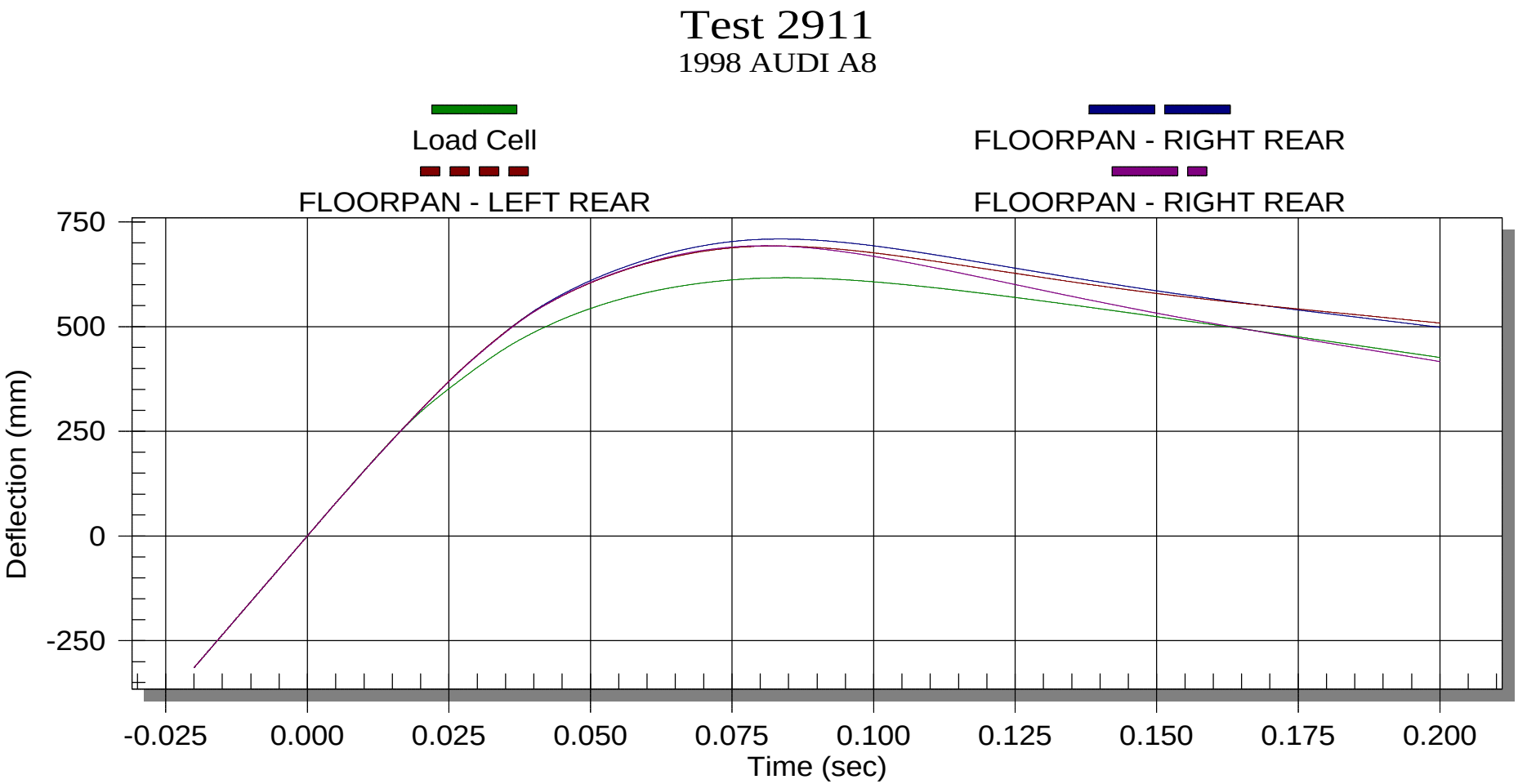

Note: double hump is not measured by accelerometers




Initial peak force occurs in the first 25 ms




Predicted velocity profile is generally OK, but occurs early and less steep than accelerometer measurements




Corresponding displacement prediction, under predicts the peak displacement