

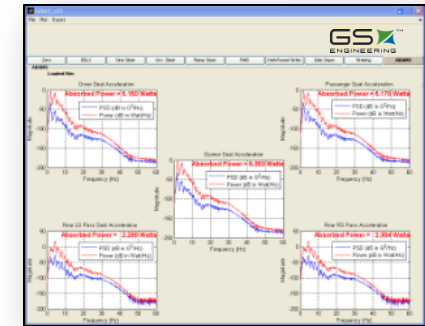
# Success Story: Vehicle Testing

## Requirements:

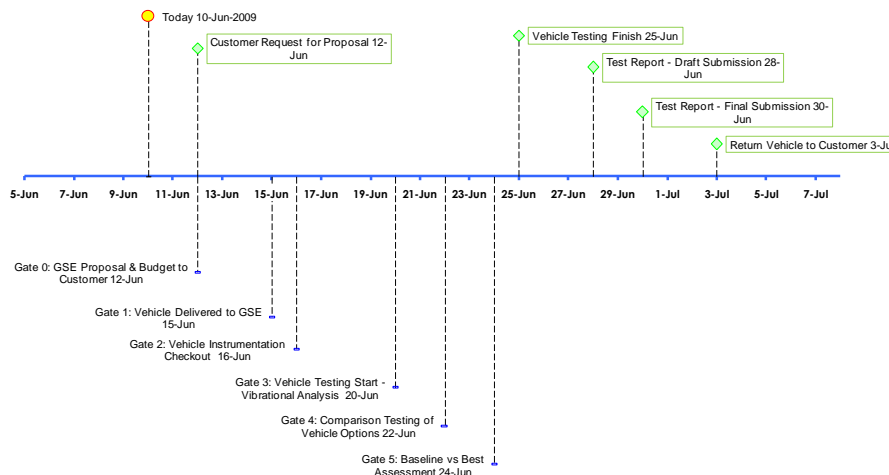
- Turn-key vehicle testing
- Country specific ride quality specification
- Identify vibration source & transmission path
- Overnight shipment of test vehicle without defined test plan
- Evaluate multiple vehicle components
- Down-select component package to achieve performance requirements
- 2 weeks from vehicle delivery to final report

## Processes:

- Test procedures – ISO, SAE, NATO, TOPs
- Utilize GSE 1" RMS course: repeatable road input for A-B comparison
- Standardized internal testing processes
- MATLAB based quick-look software
- Real-time data analysis



## Timing:



## Results:

- Vehicle vibration sources **identified**
- Vehicle package to meet performance **validated**
- Customer issue **resolved**
- Draft test report - 2 days from test completion
- **2 week turnaround = agile, flexible testing**