

Appendix B Results for C333

Results for C333 pre-testing Reference 6.3 kN

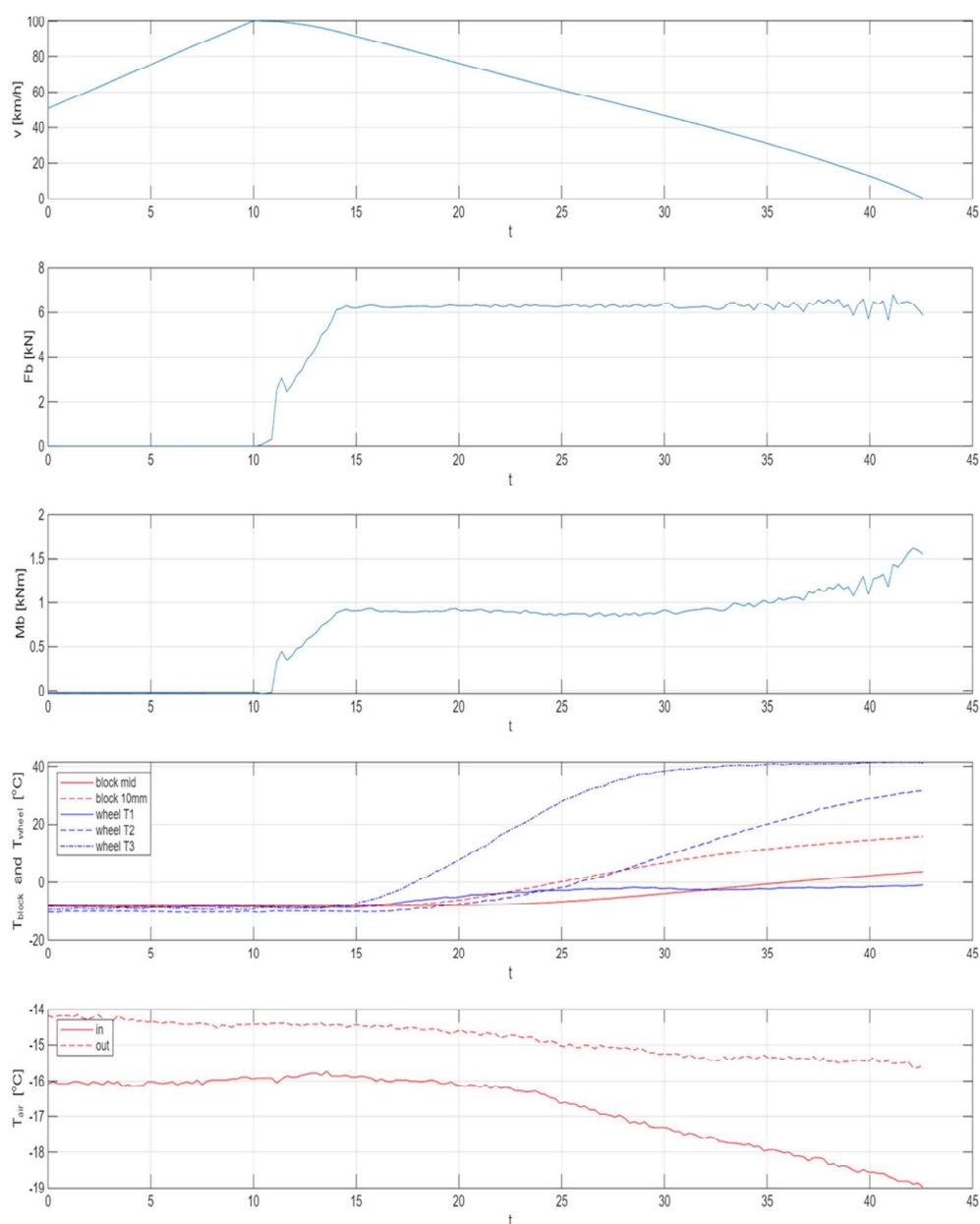


Figure 1. Measured data for C333 pre-testing Reference 6.3 kN, run 1, speed 100km/h

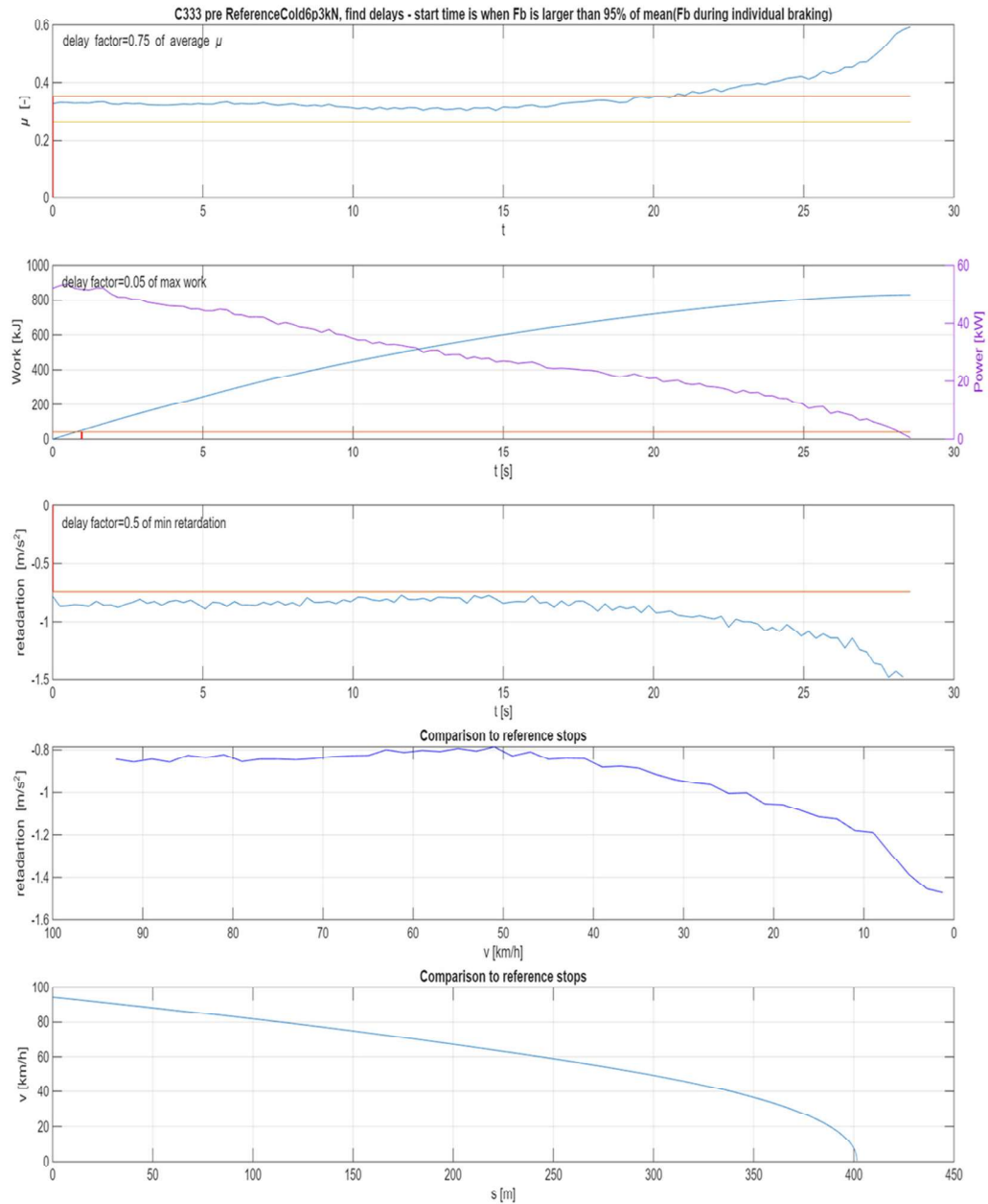


Figure 2. Calculated data and analysis for C333 pre-testing Reference 6.3 kN, run 1, speed 100km/h

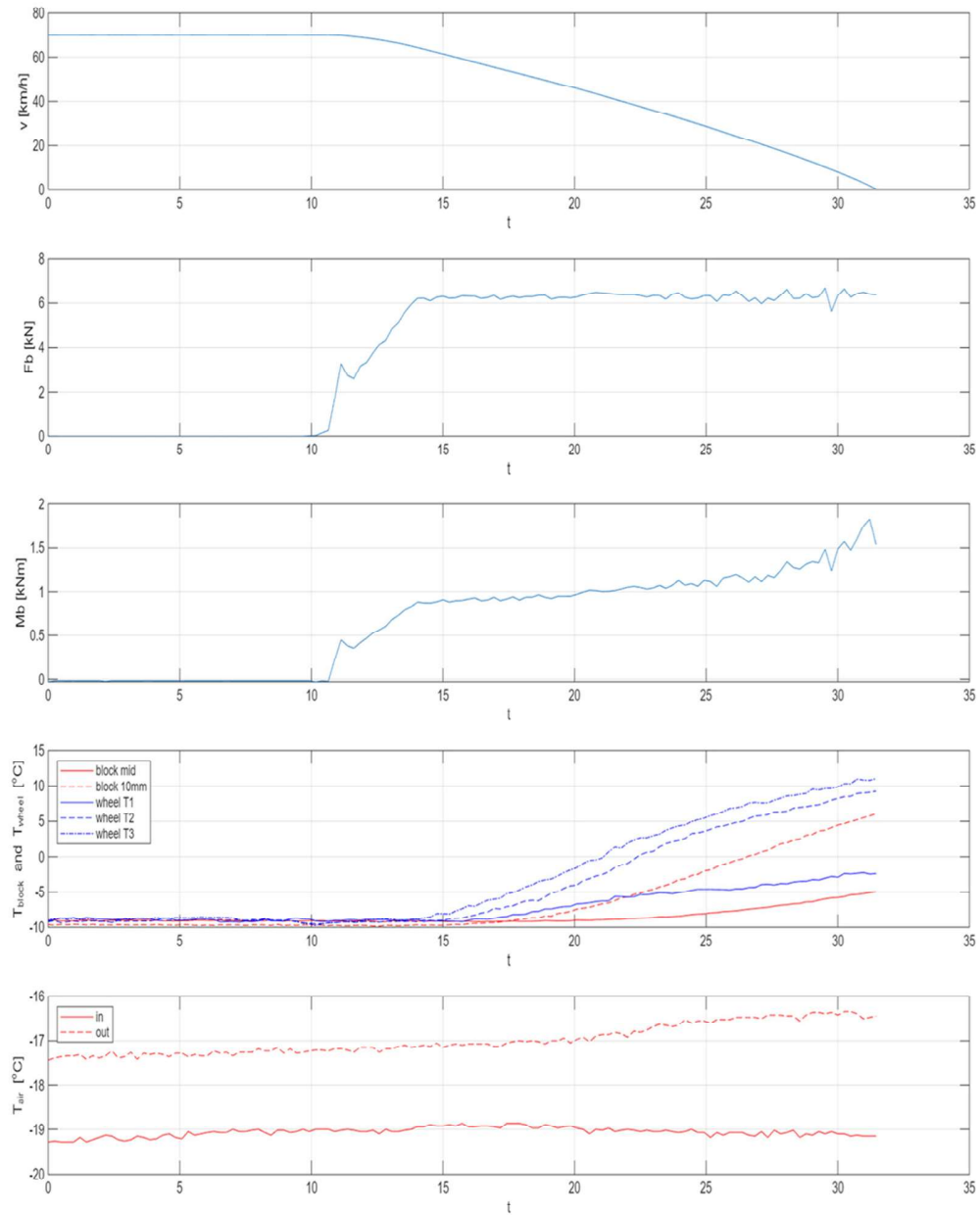


Figure 3. Measured data for C333 pre-testing Reference 6.3 kN, run 2, speed 70km/h

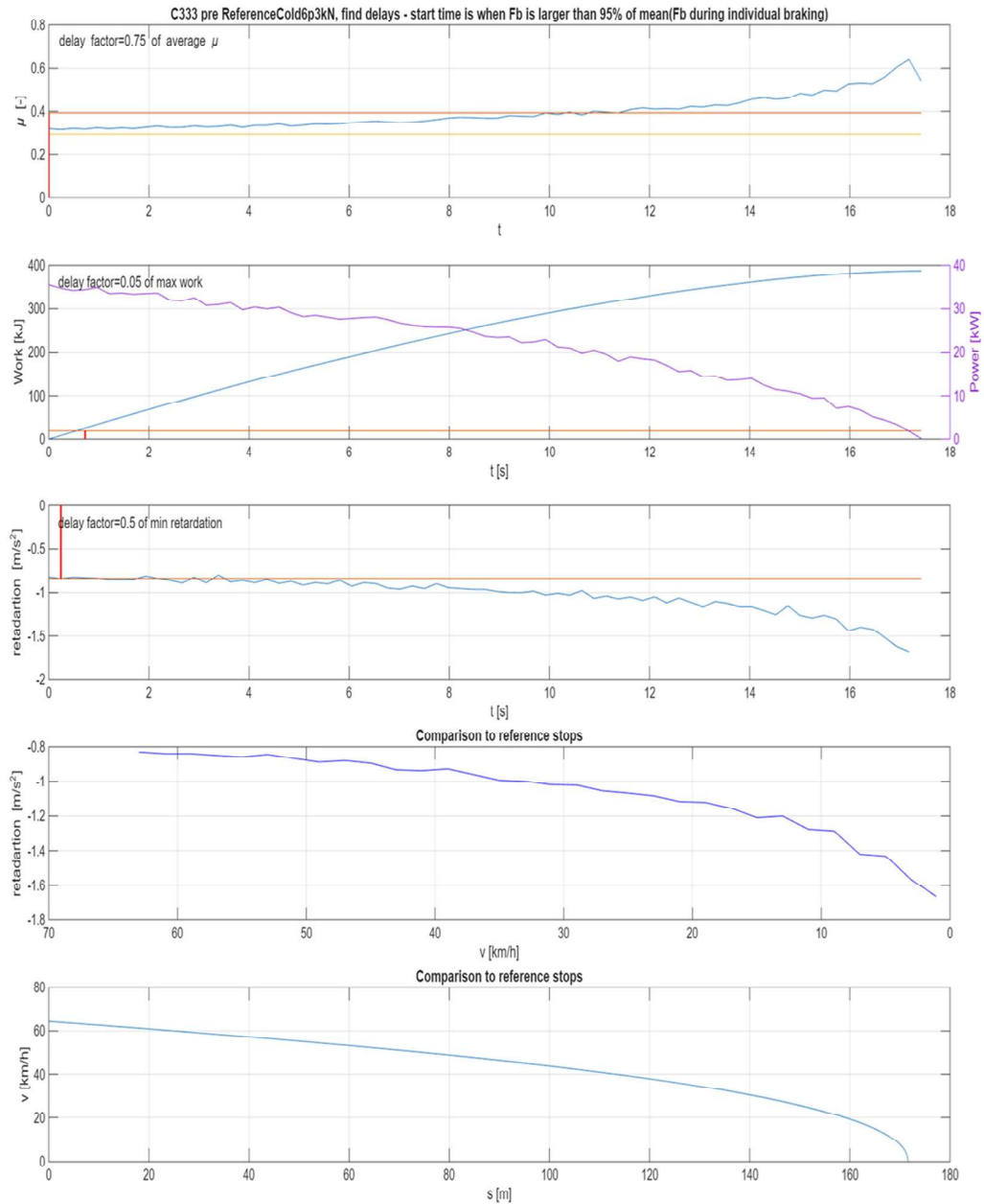


Figure 4. Calculated data and analysis for C333 pre-testing Reference 6.3 kN, run 2, speed 70km/h

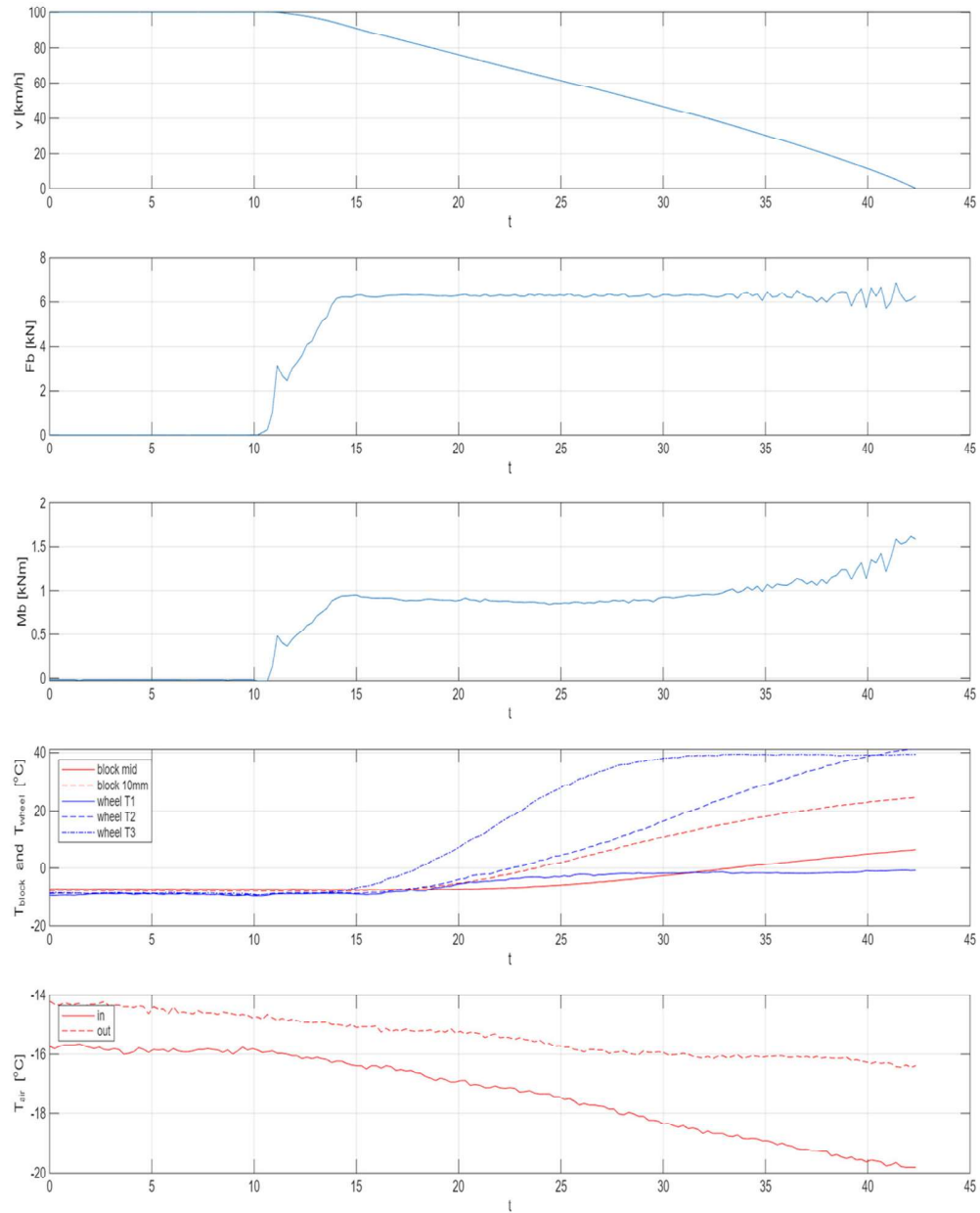


Figure 5. Measured data for C333 pre-testing Reference 6.3 kN, run 3, speed 100km/h

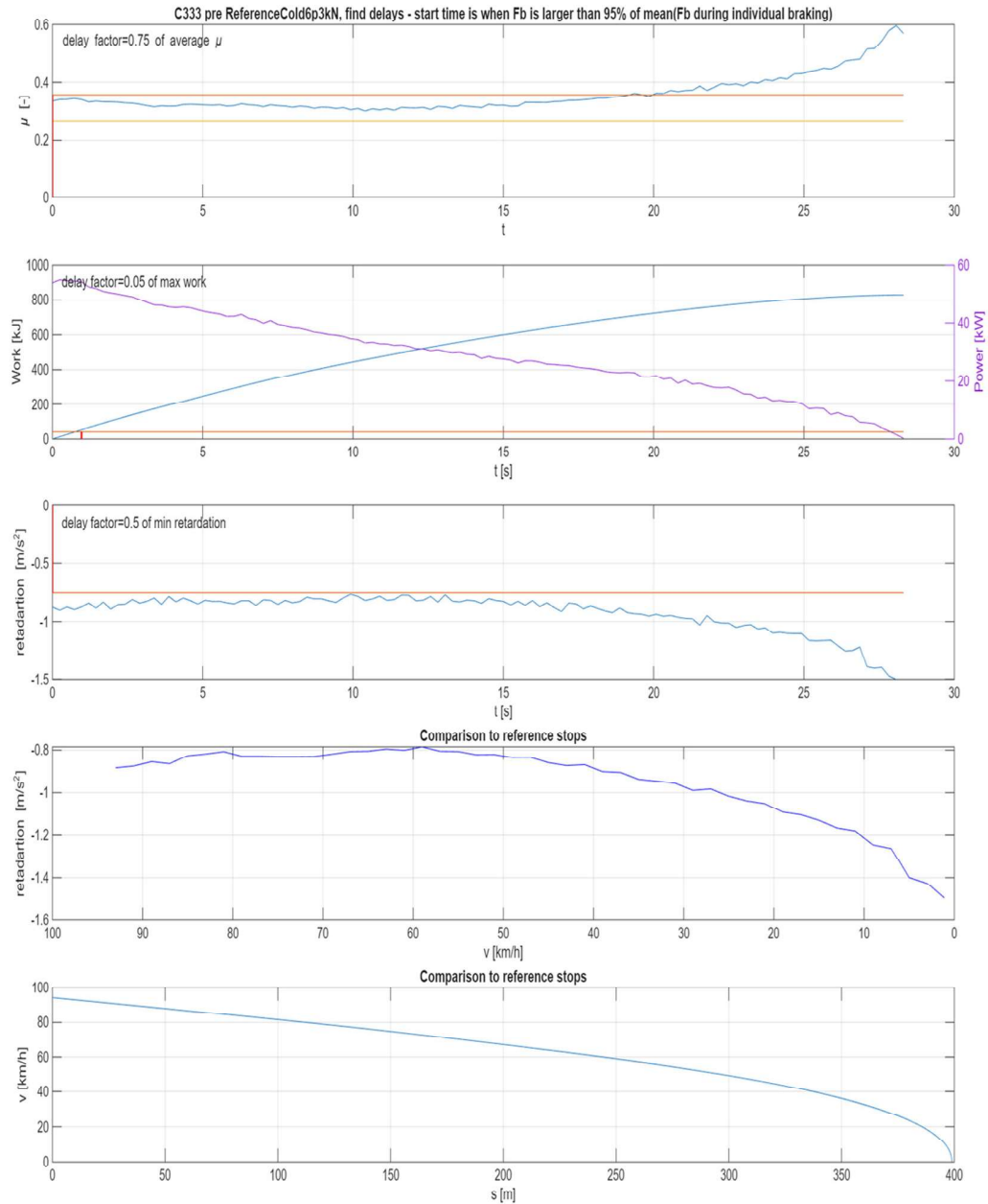


Figure 6. Calculated data and analysis for C333 pre-testing Reference 6.3 kN, run 3, speed 100km/h

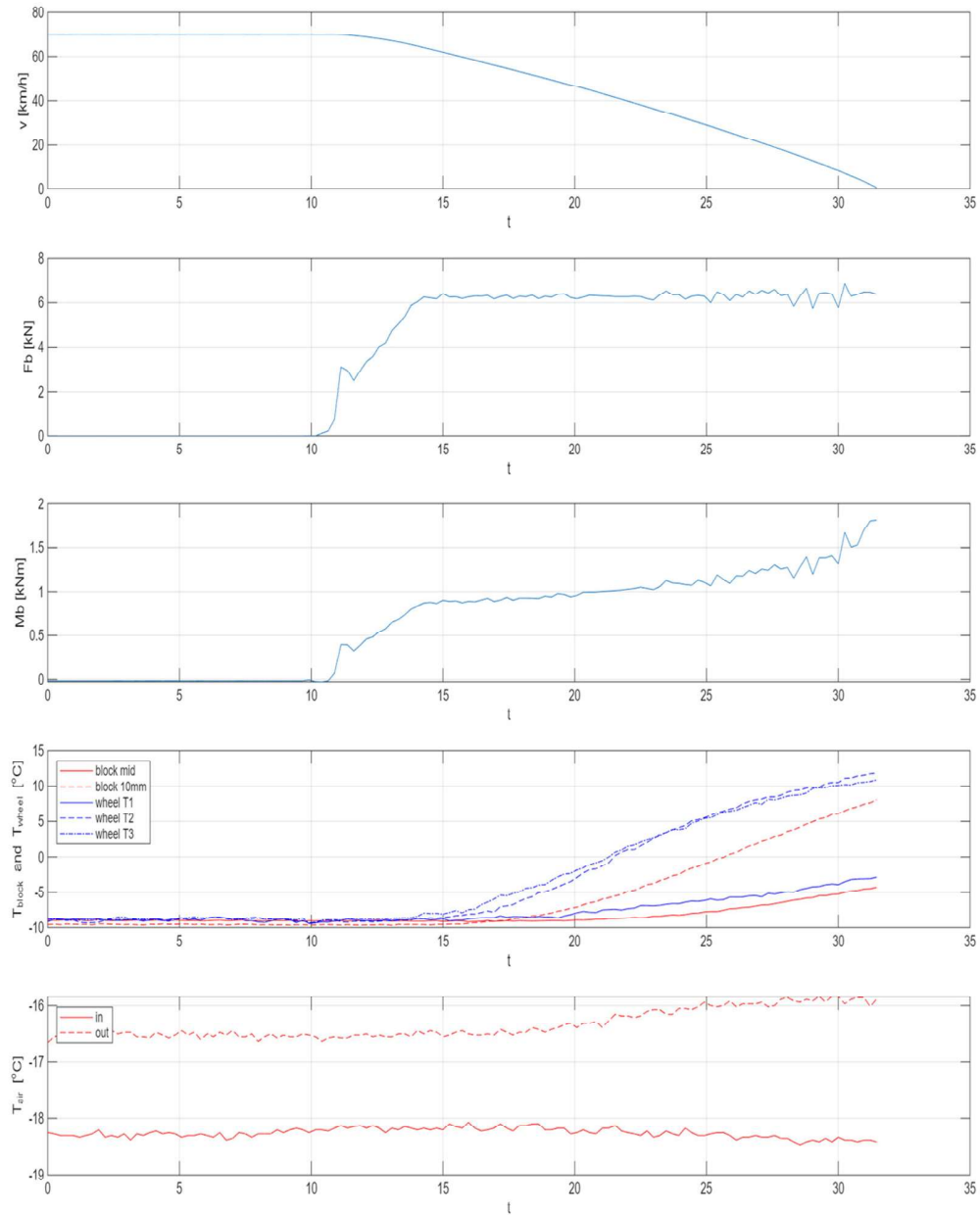


Figure 7. Measured data for C333 pre-testing Reference 6.3 kN, run 4, speed 70km/h

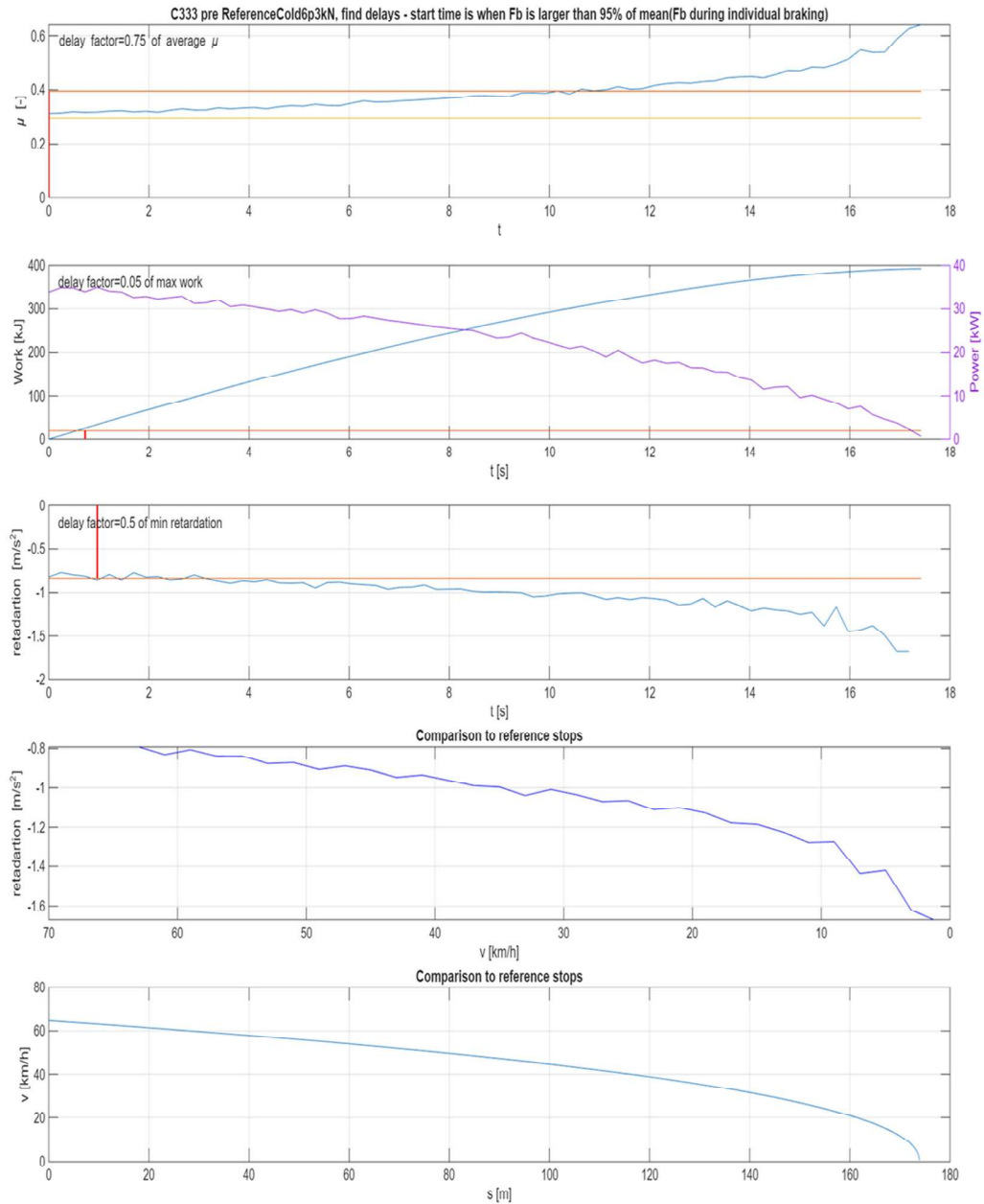


Figure 8. Calculated data and analysis for C333 pre-testing Reference 6.3 kN, run 4, speed 70km/h

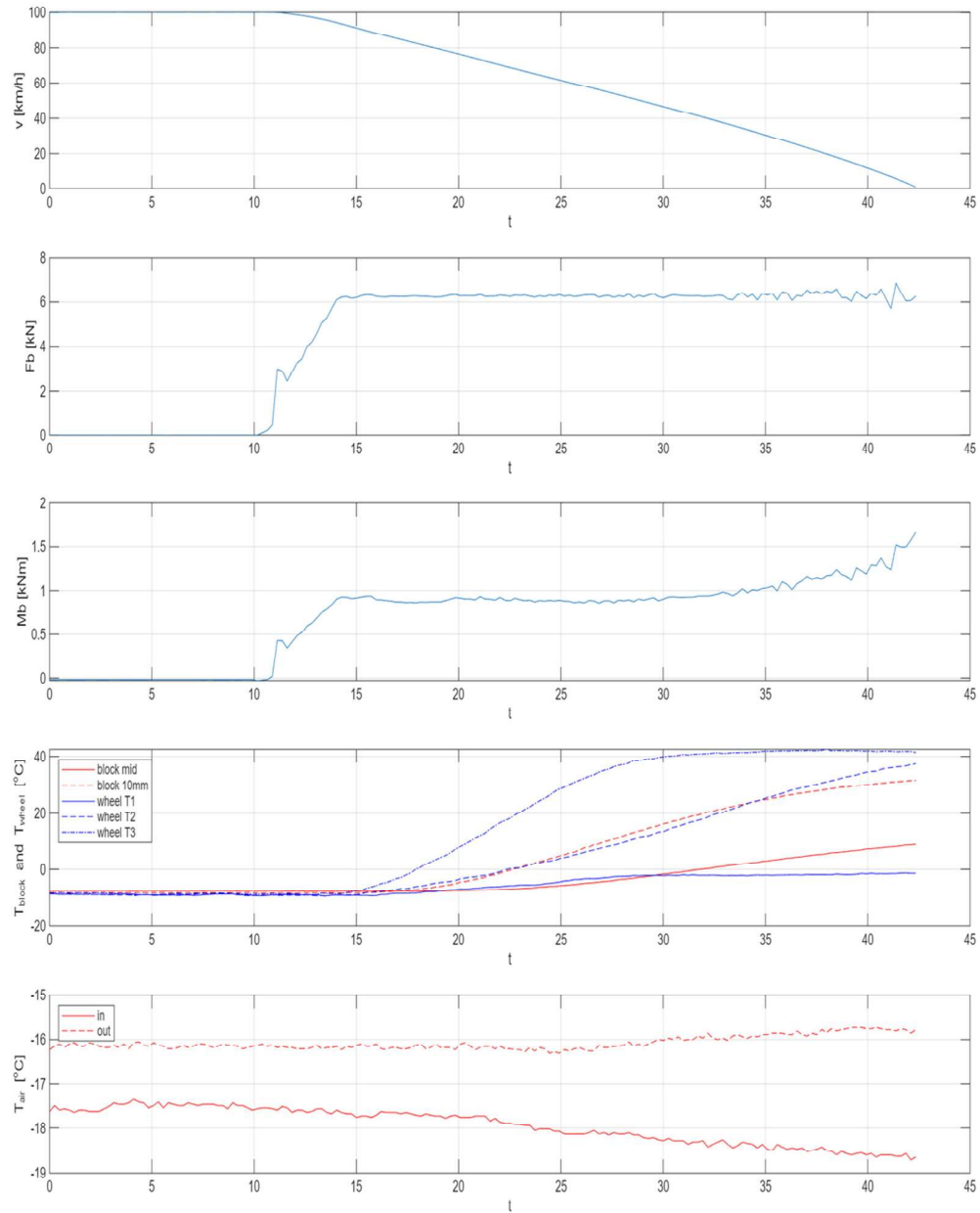


Figure 9. Measured data for C333 pre-testing Reference 6.3 kN, run 5, speed 100km/h

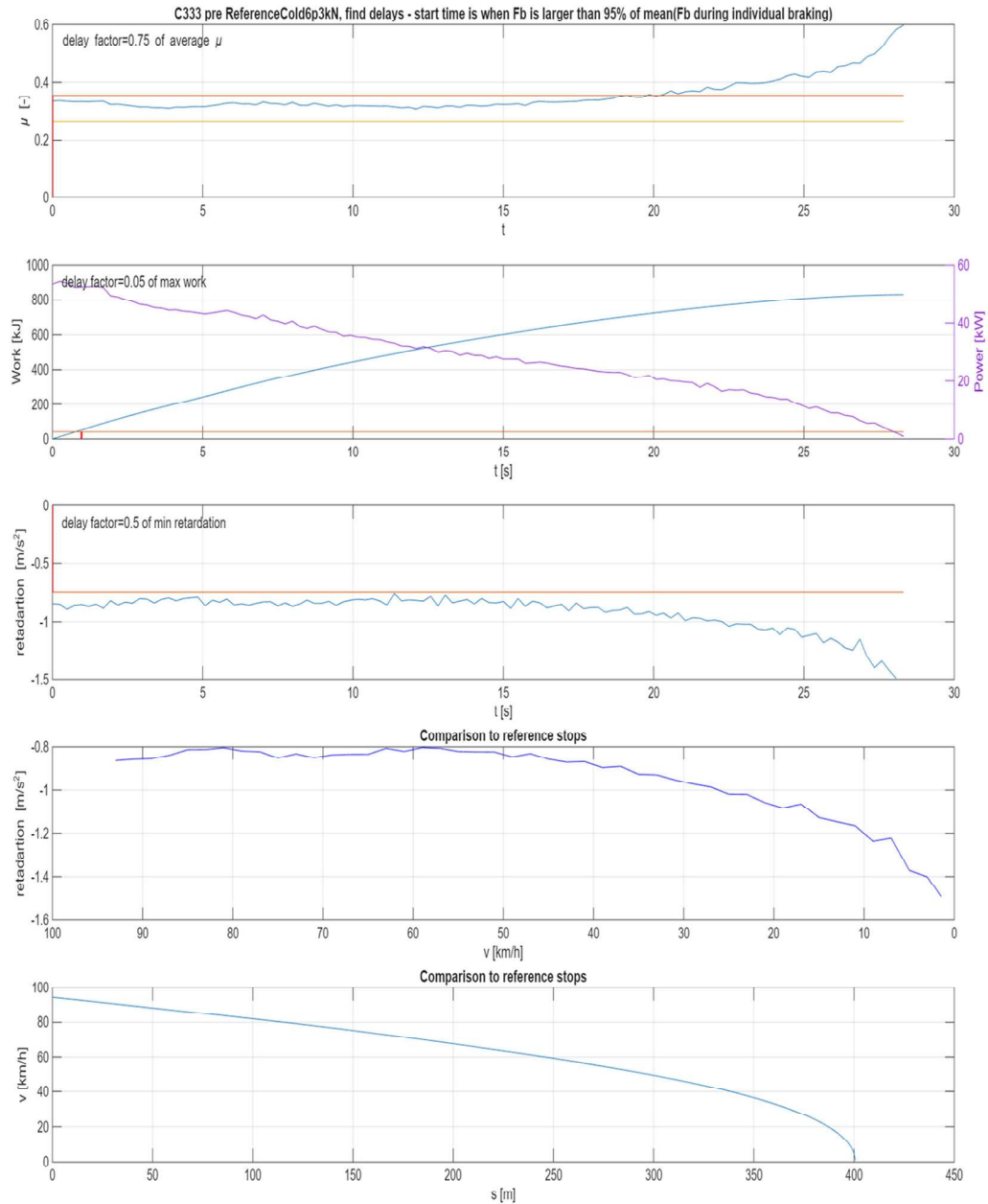


Figure 10. Calculated data and analysis for C333 pre-testing Reference 6.3 kN, run 5, speed 100km/h

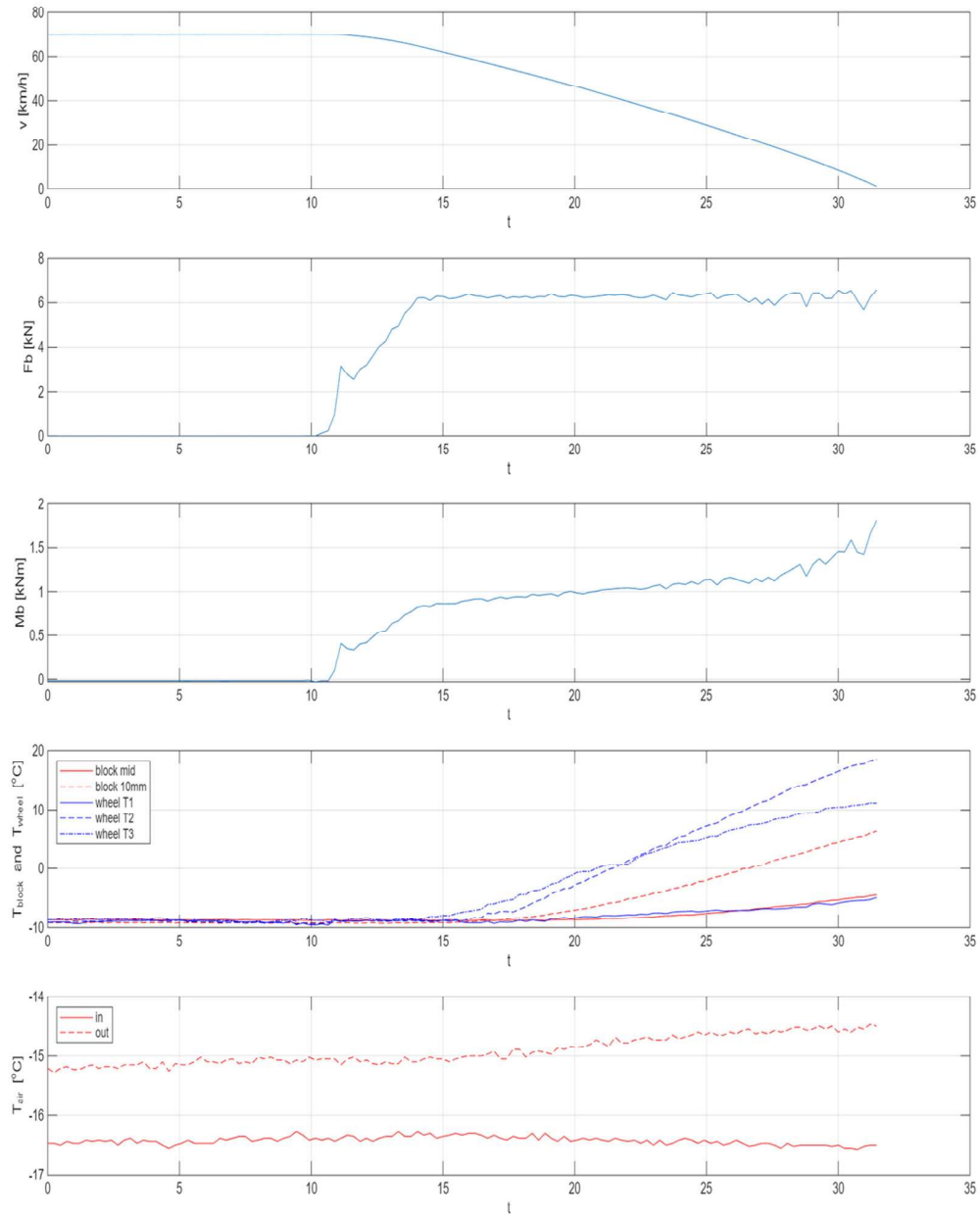
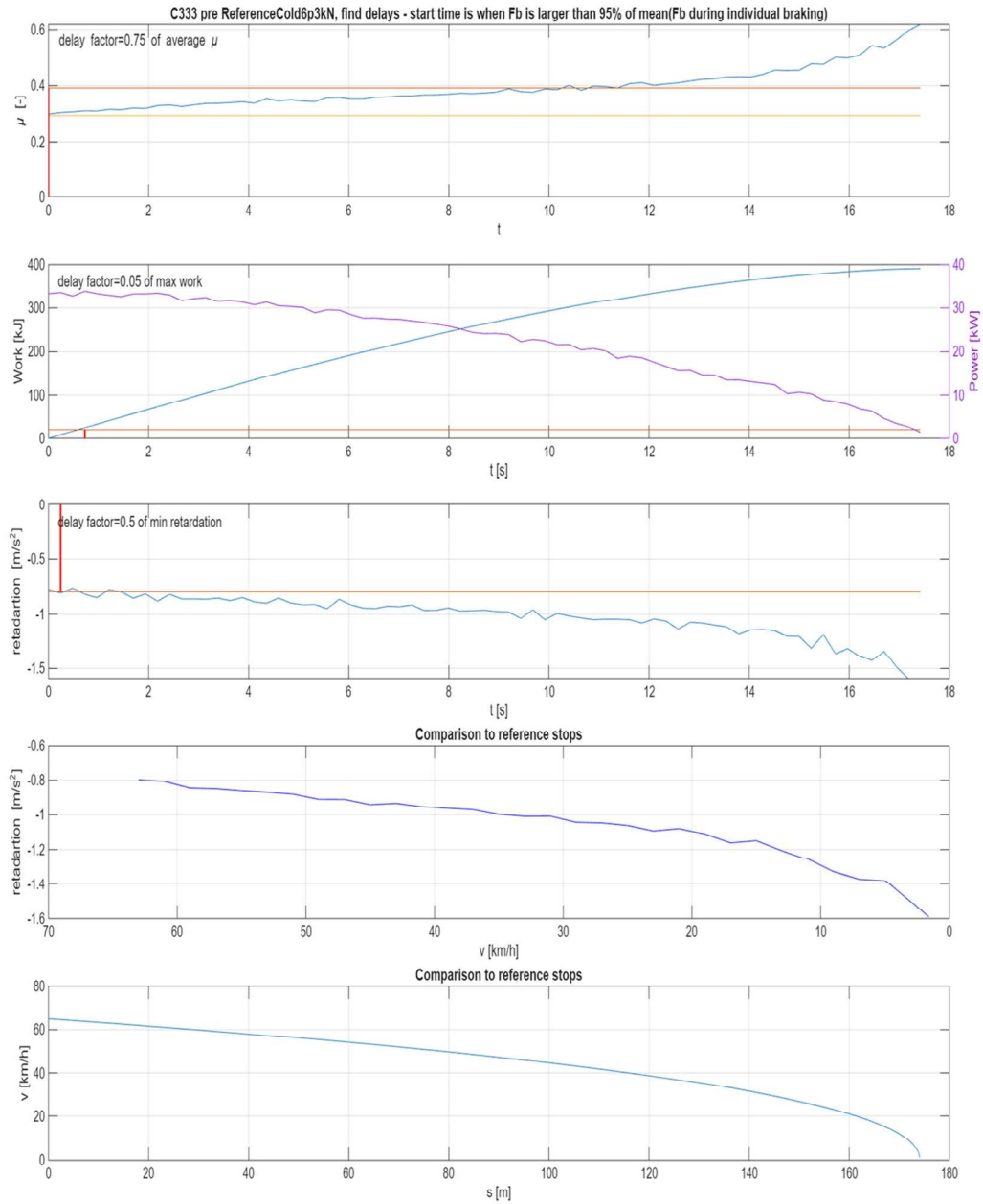


Figure 11. Measured data for C333 pre-testing Reference 6.3 kN, run 6, speed 70km/h

Figure 12. Calculated data and analysis for C333 pre-testing Reference 6.3 kN, run 6, speed 70km/h



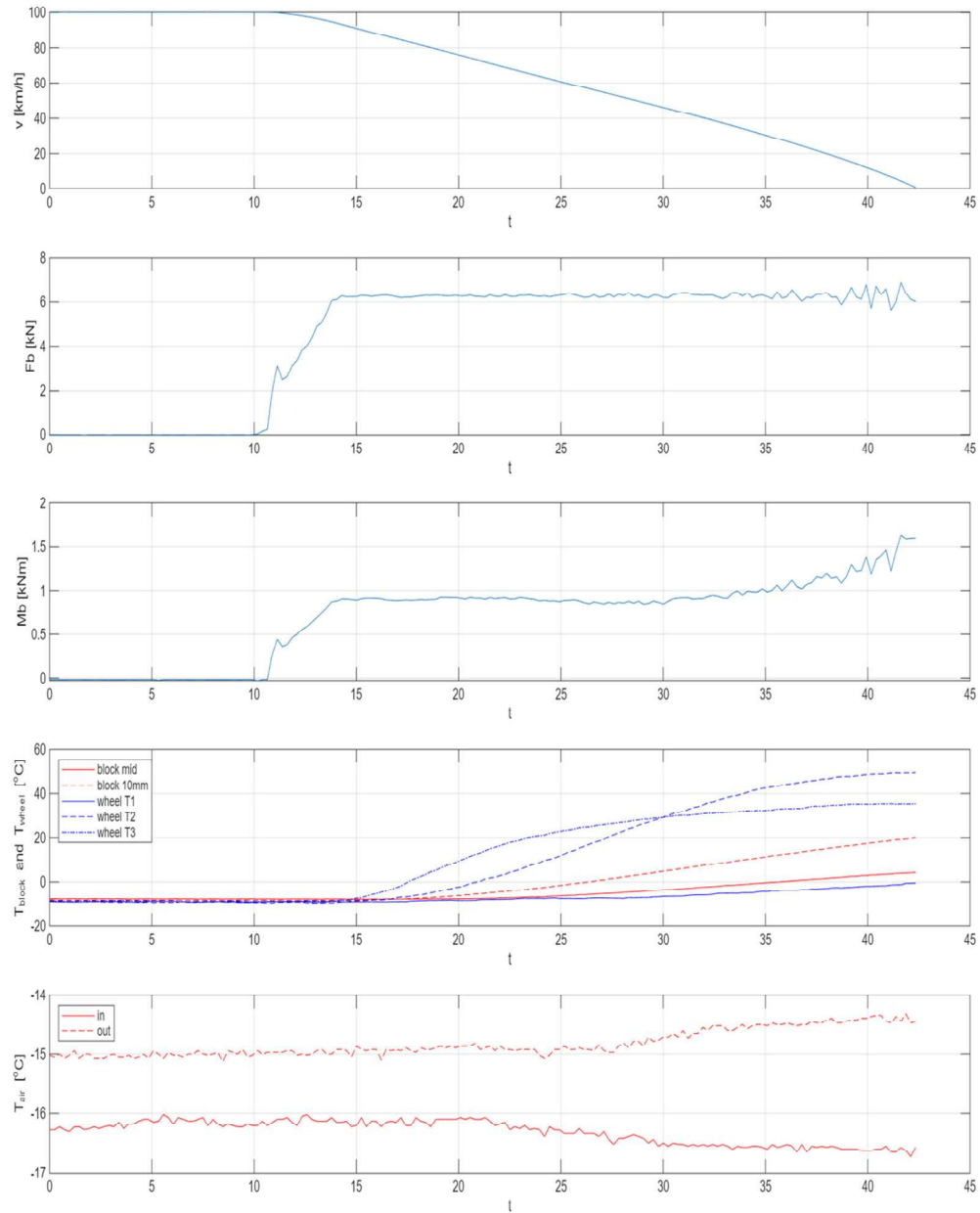


Figure 13. Measured data for C333 pre-testing Reference 6.3 kN, run 7, speed 100km/h

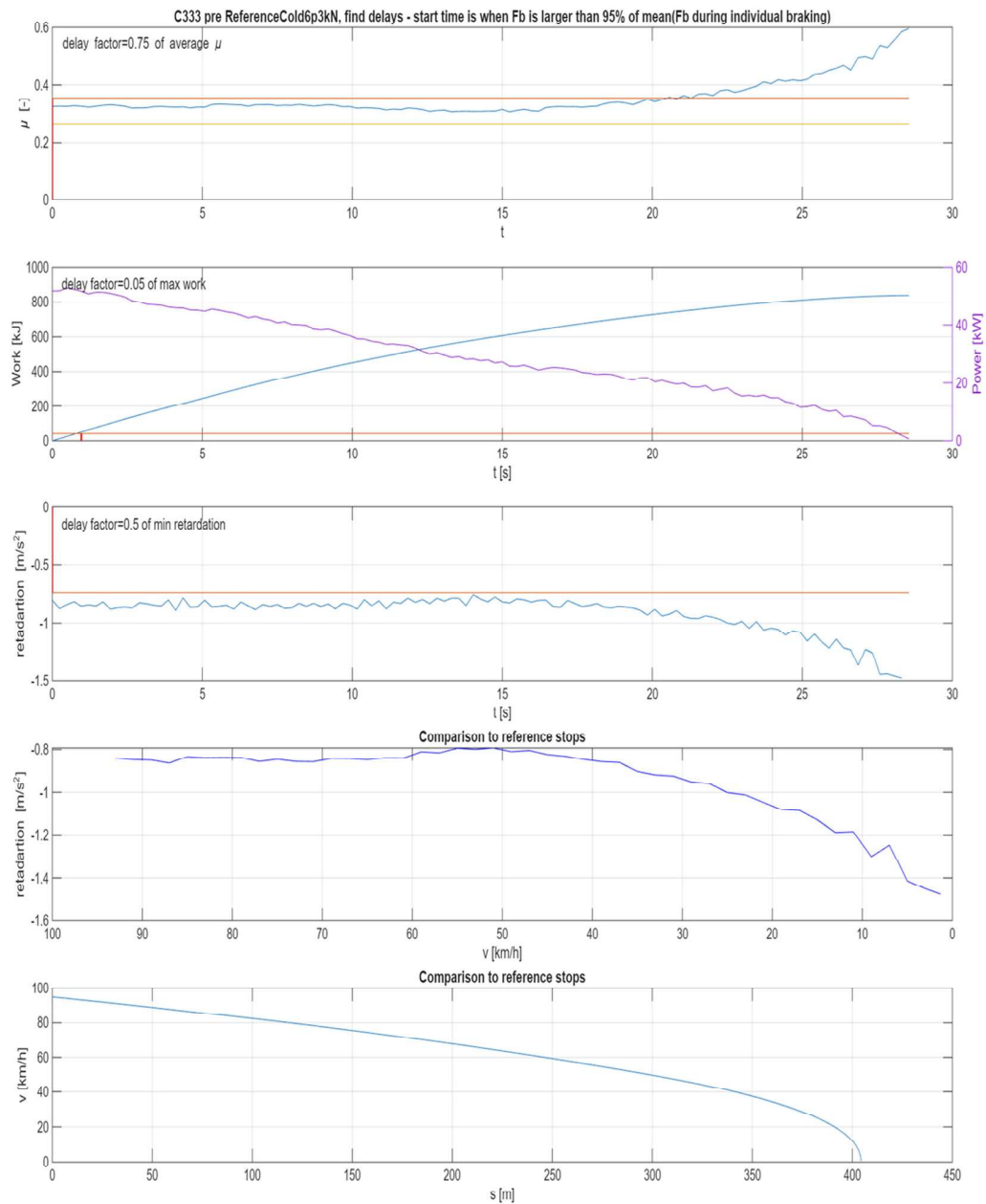


Figure 14. Calculated data and analysis for C333 pre-testing Reference 6.3 kN, run 7, speed 100km/h

Results for C333 pre-testing Reference 6.6 kN

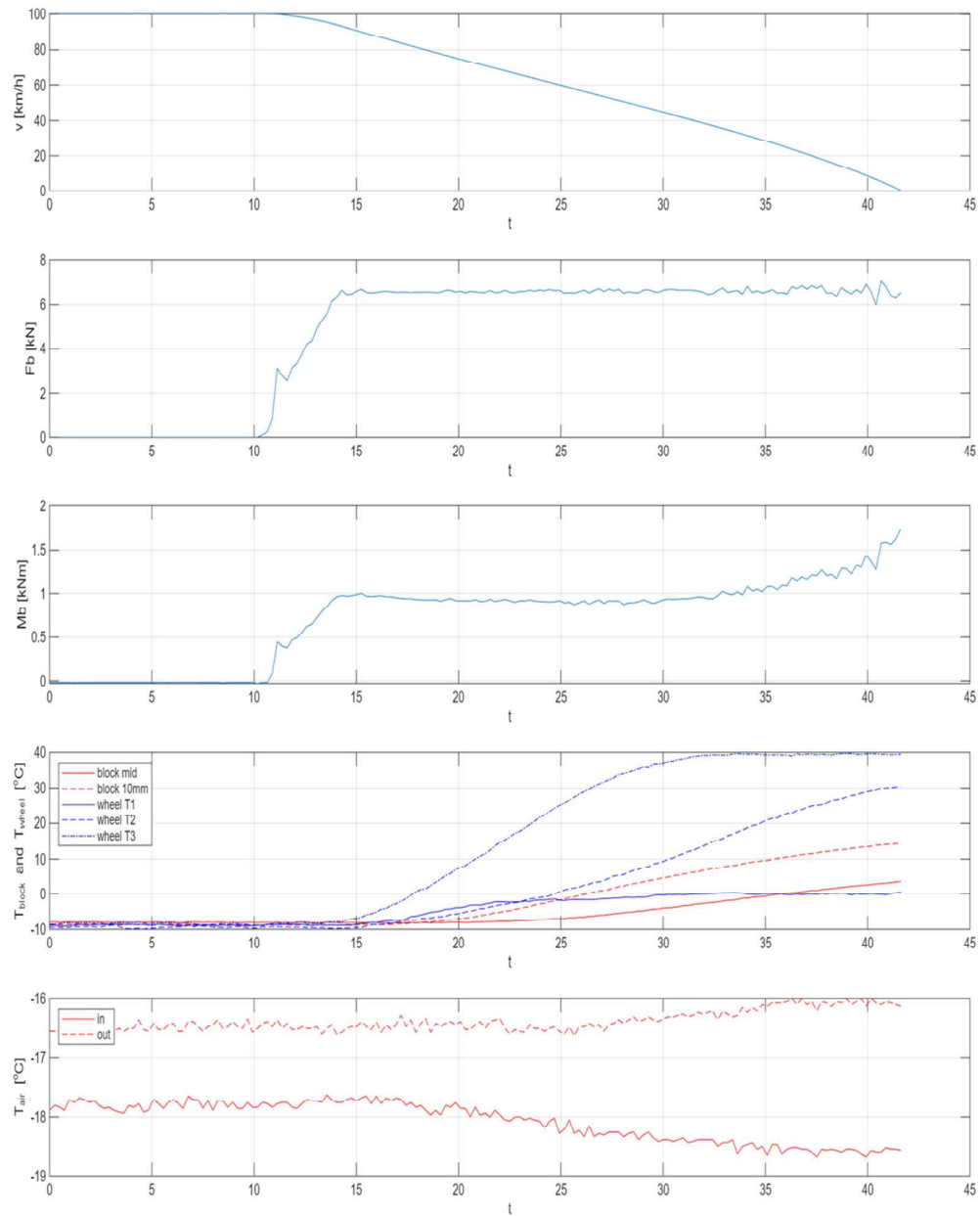


Figure 15. Measured data for C333 pre-testing Reference 6.6 kN, run 1, speed 100km/h

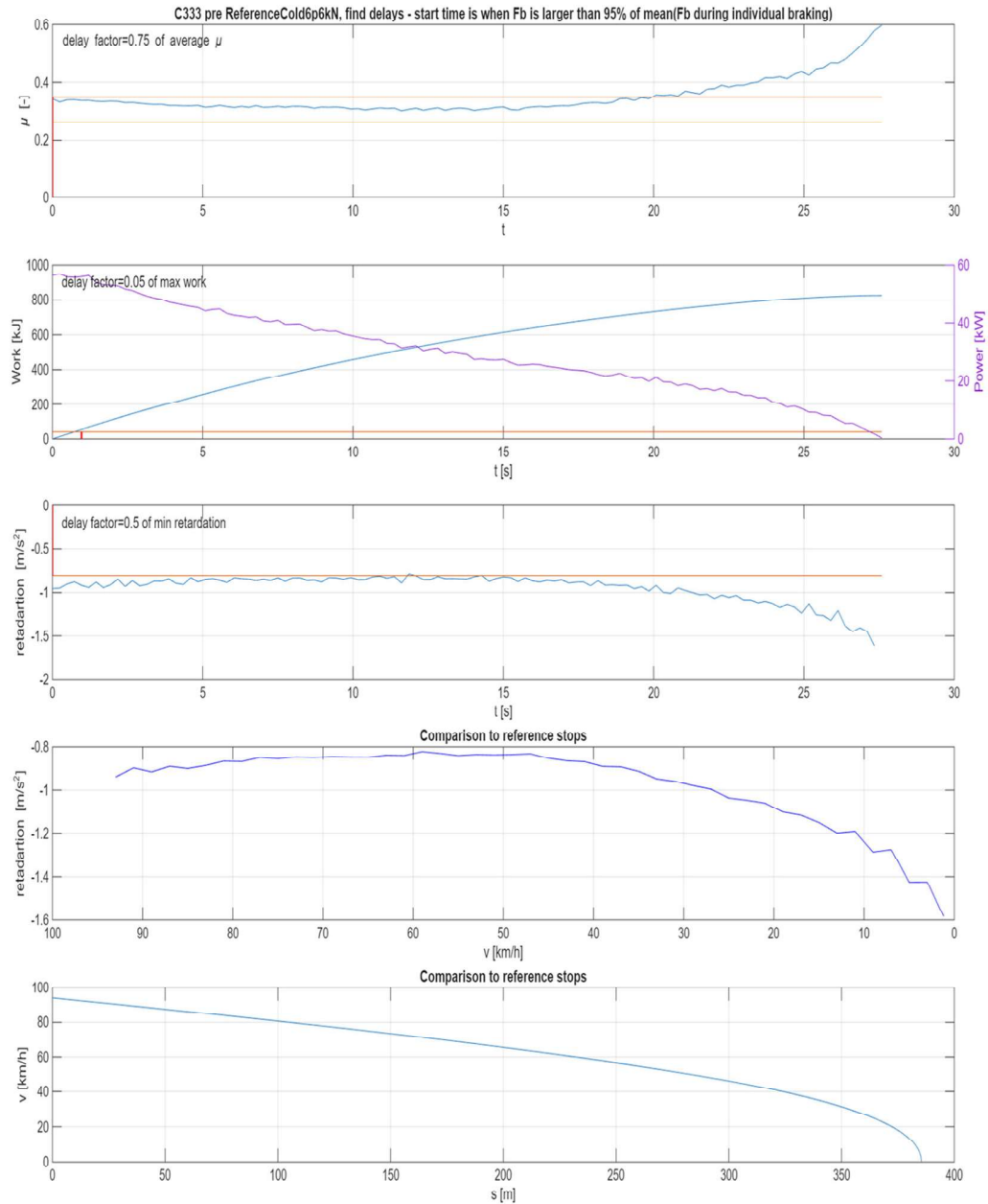


Figure 16. Calculated data and analysis for C333 pre-testing Reference 6.6 kN, run 1, speed 100km/h

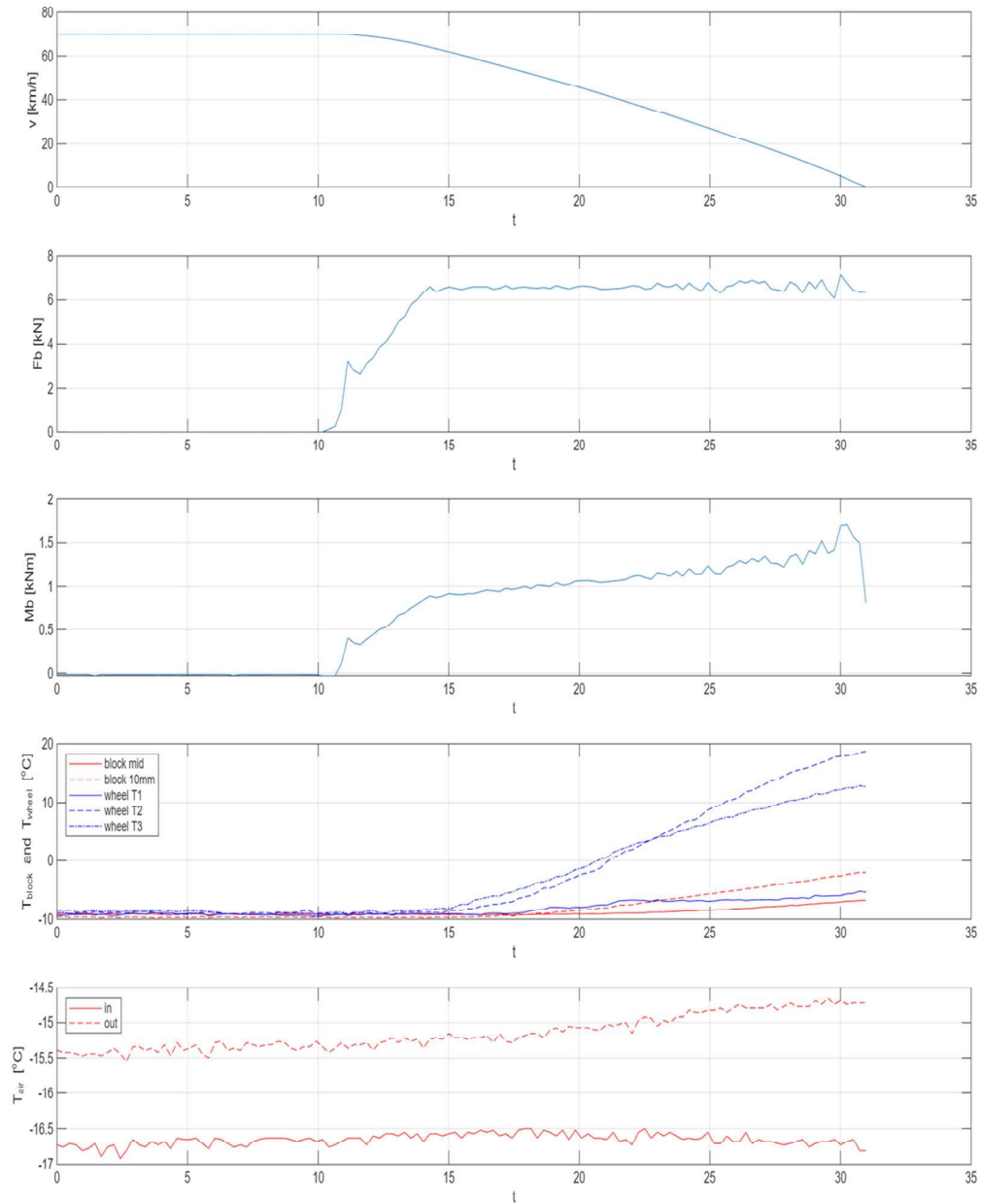


Figure 17. Measured data for C333 pre-testing Reference 6.6 kN, run 2, speed 70km/h

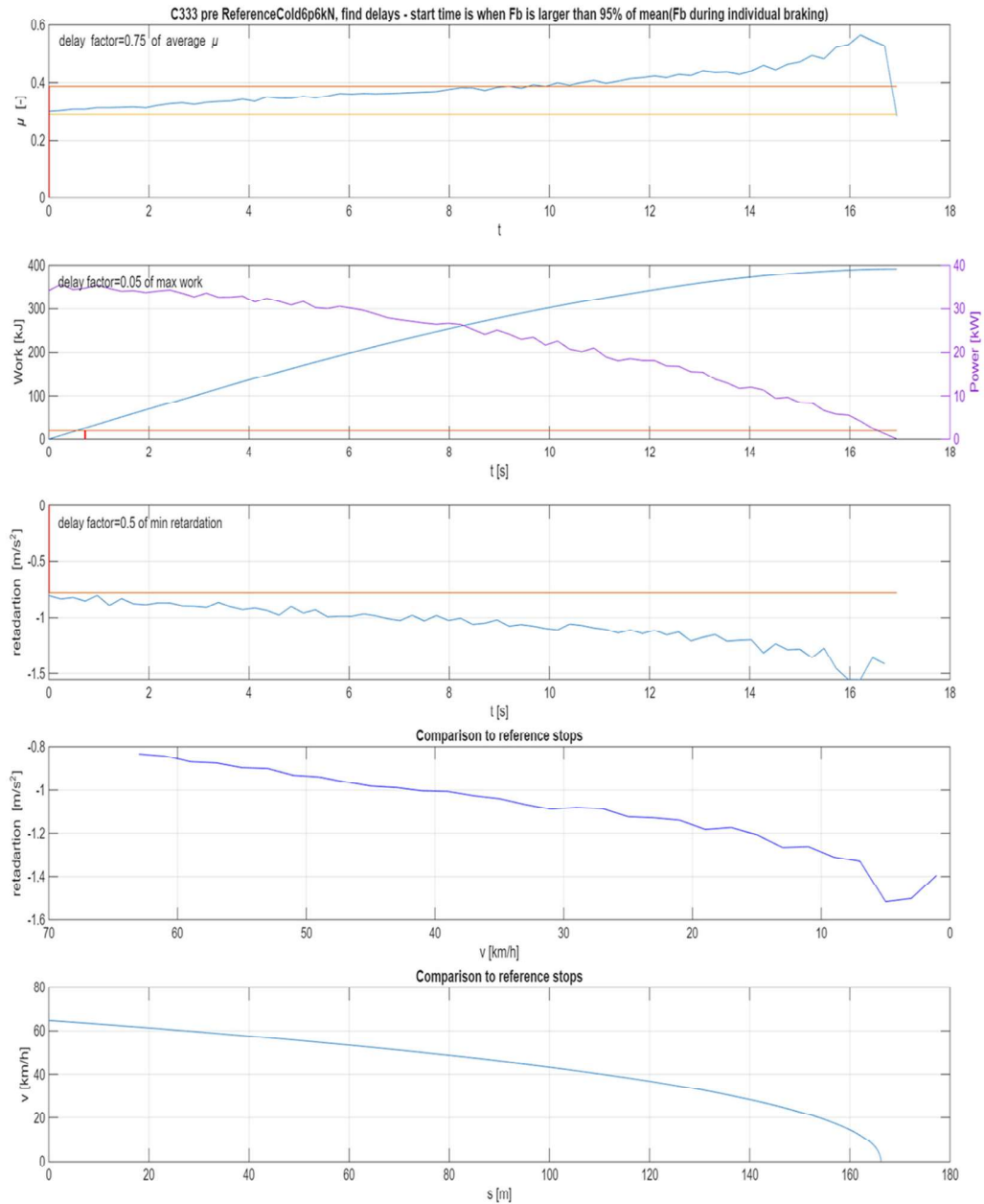


Figure 18. Calculated data and analysis for C333 pre-testing Reference 6.6 kN, run 2, speed 70km/h

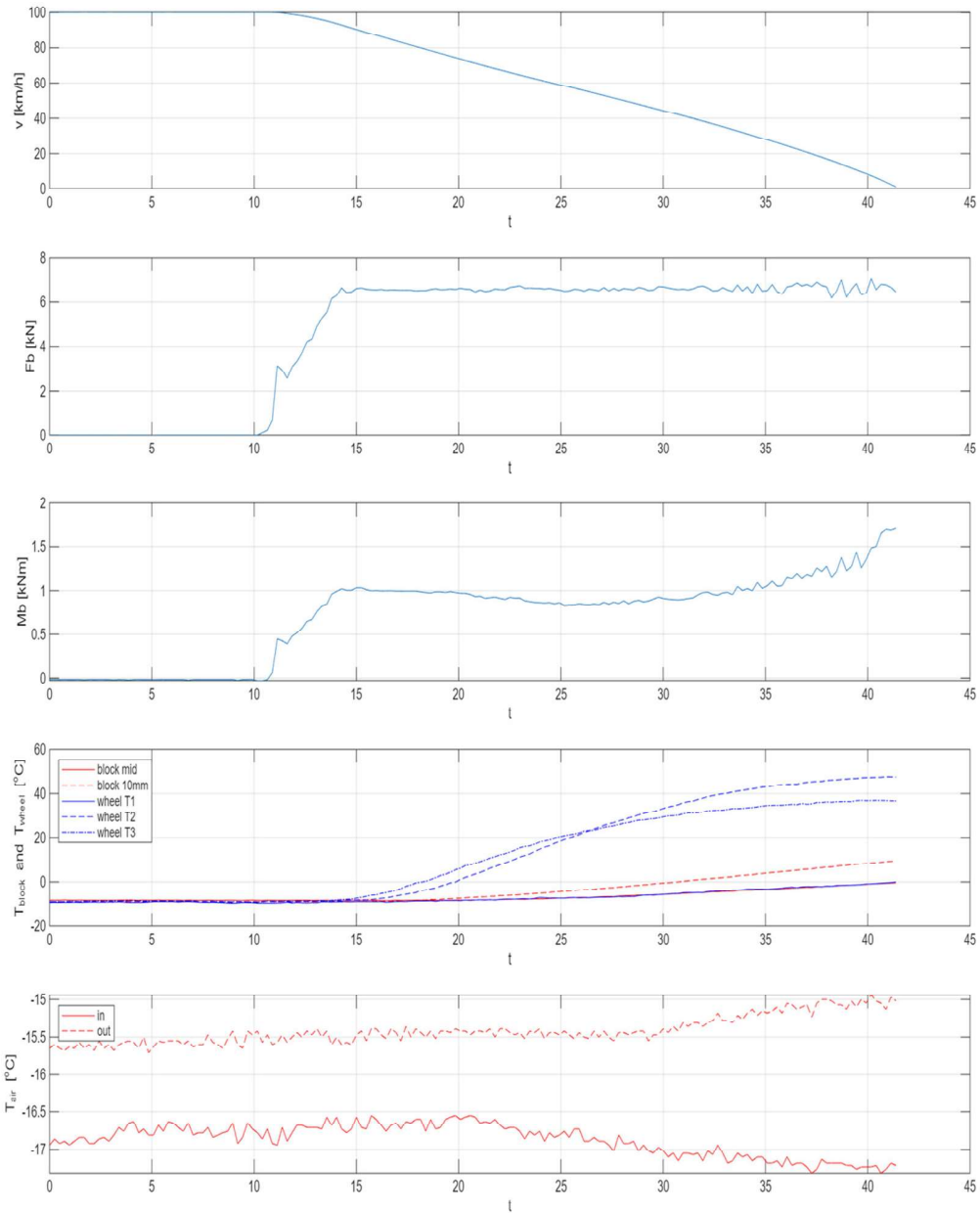


Figure 19. Measured data for C333 pre-testing Reference 6.6 kN, run 3, speed 100km/h

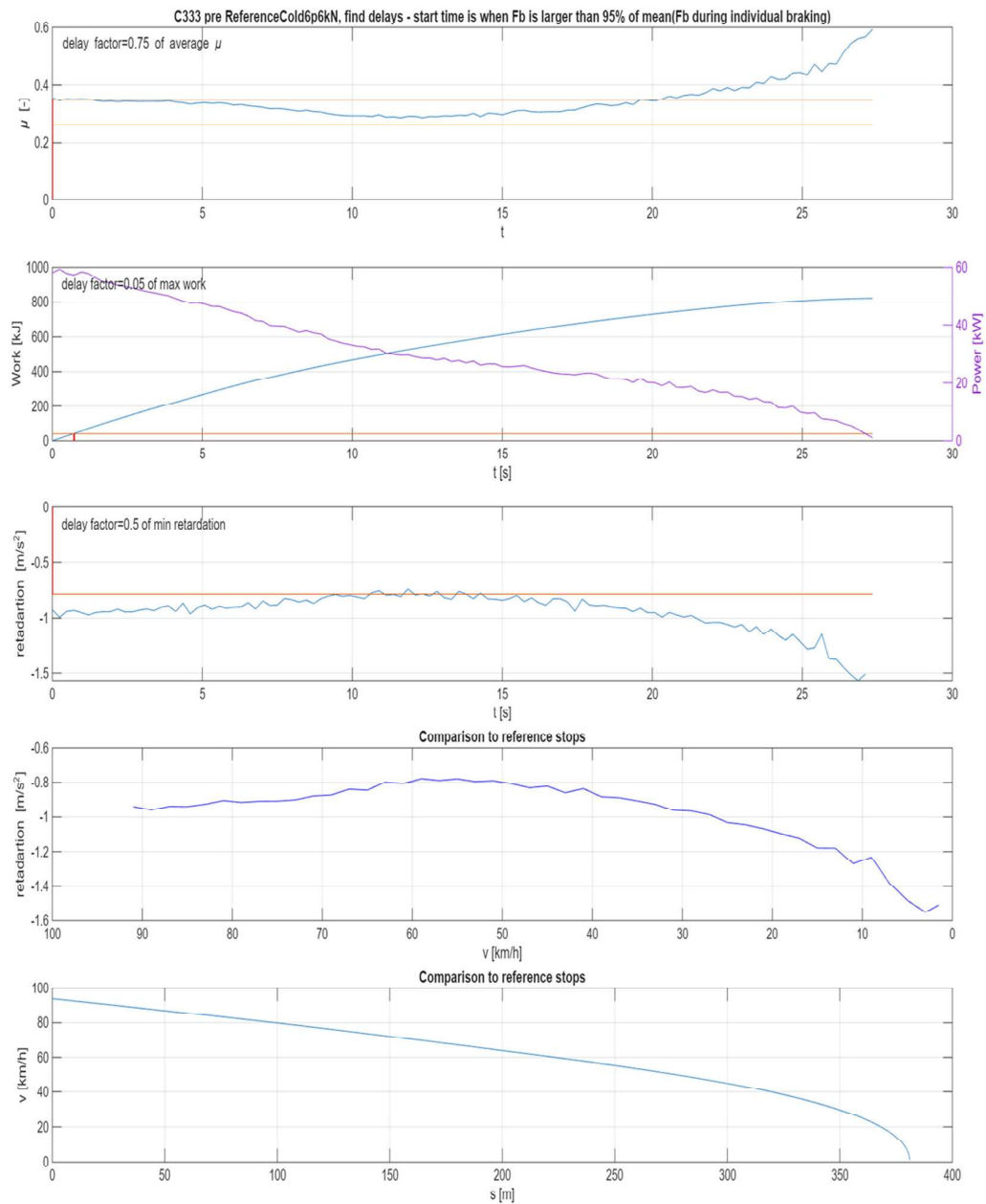


Figure 20. Calculated data and analysis for C333 pre-testing Reference 6.6 kN, run 3, speed 100km/h

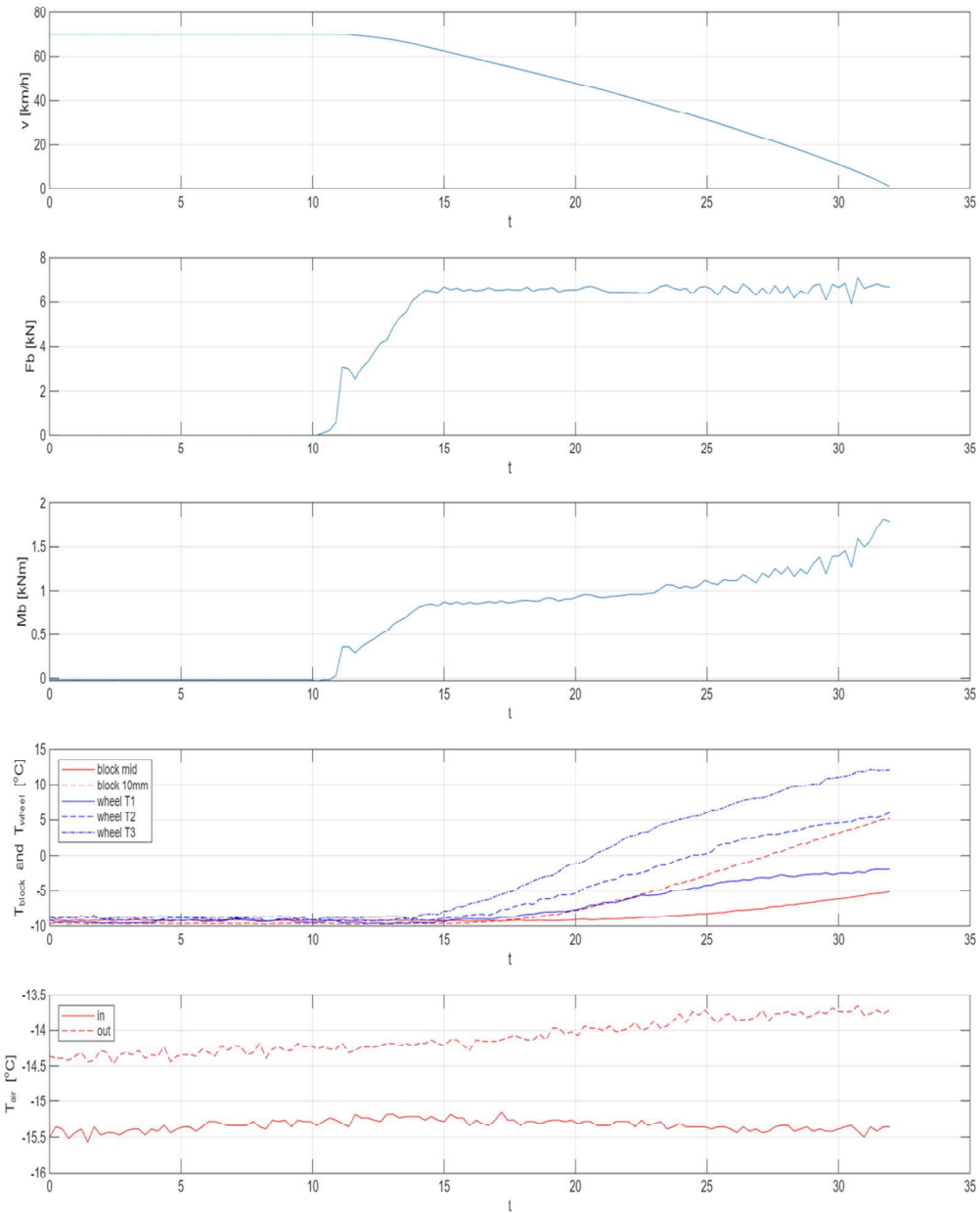


Figure 21. Measured data for C333 pre-testing Reference 6.6 kN, run 4, speed 70km/h

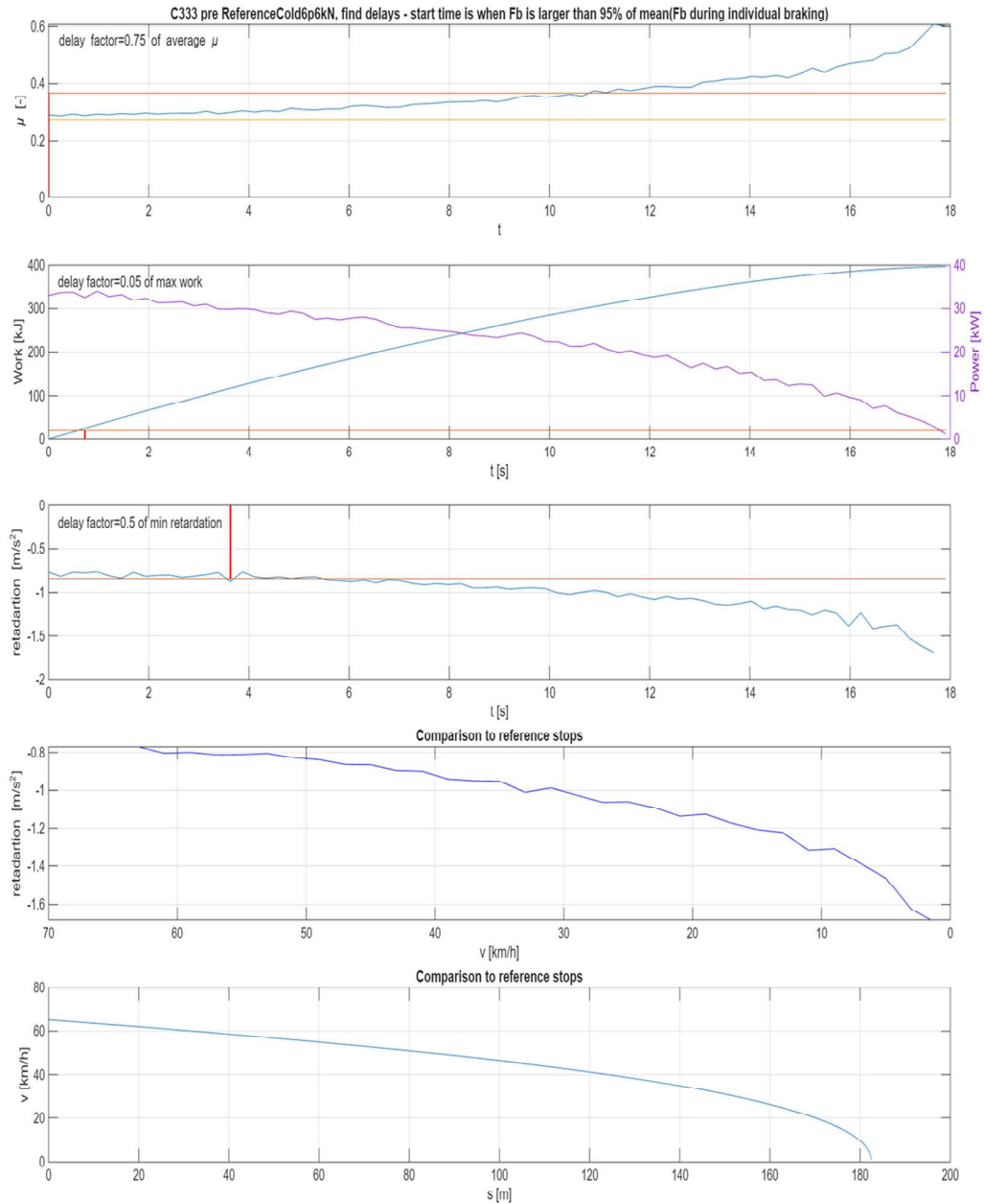


Figure 22. Calculated data and analysis for C333 pre-testing Reference 6.6 kN, run 4, speed 70km/h

Results for C333 pre-testing Reference 7 kN

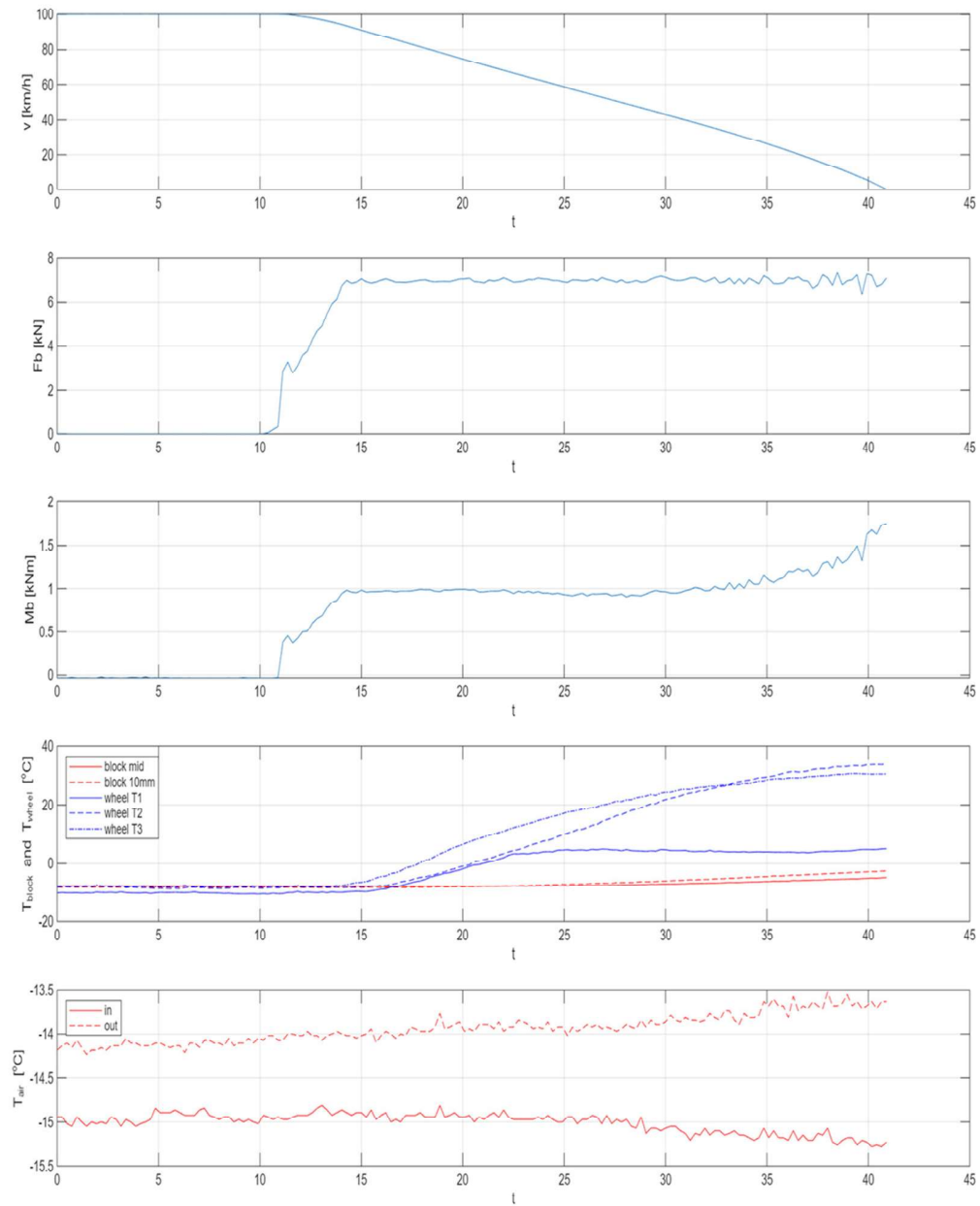


Figure 23. Measured data for C333 pre-testing Reference 7 kN, run 1, speed 100km/h

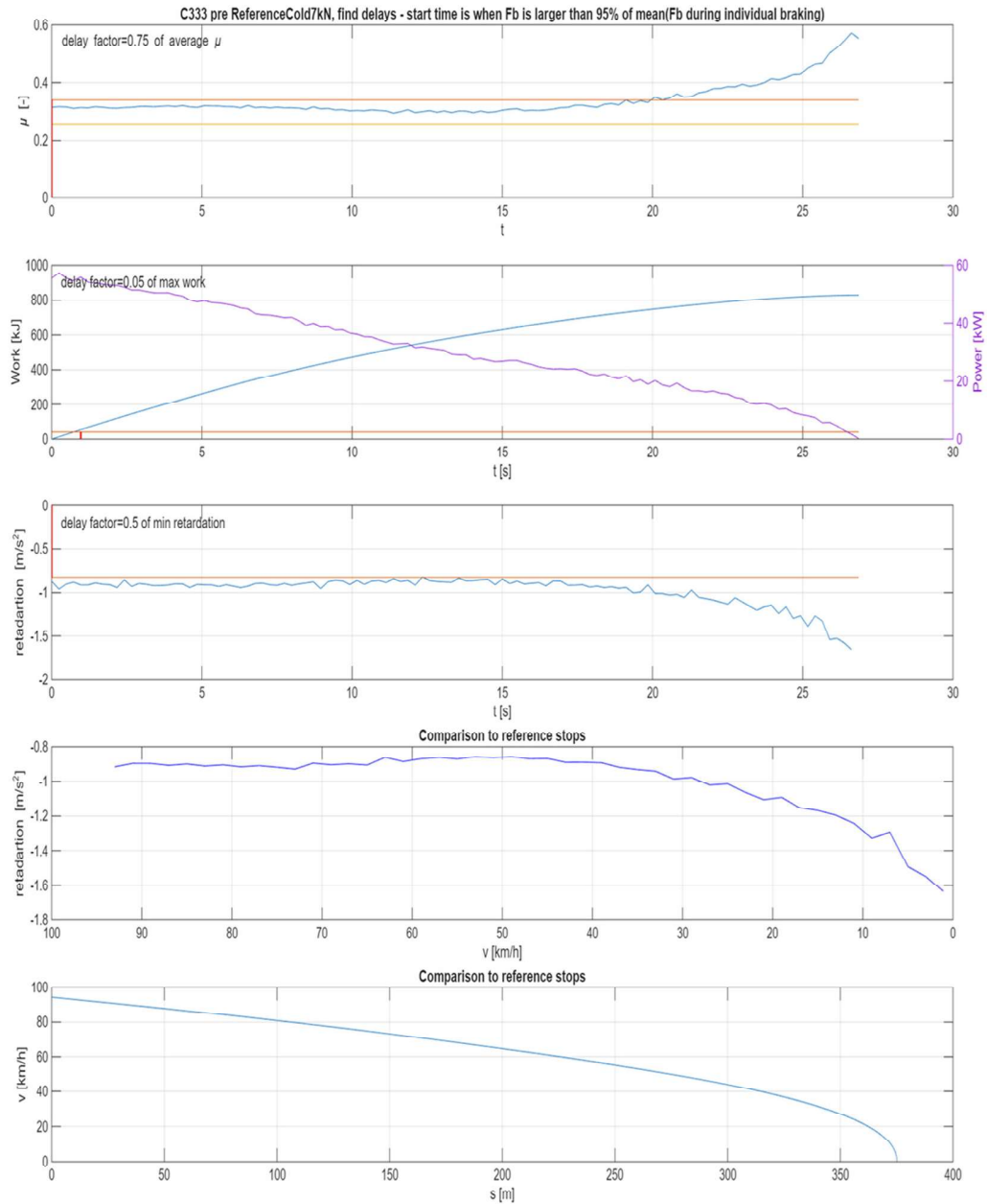


Figure 24. Calculated data and analysis for C333 pre-testing Reference 7 kN, run 1, speed 100km/h

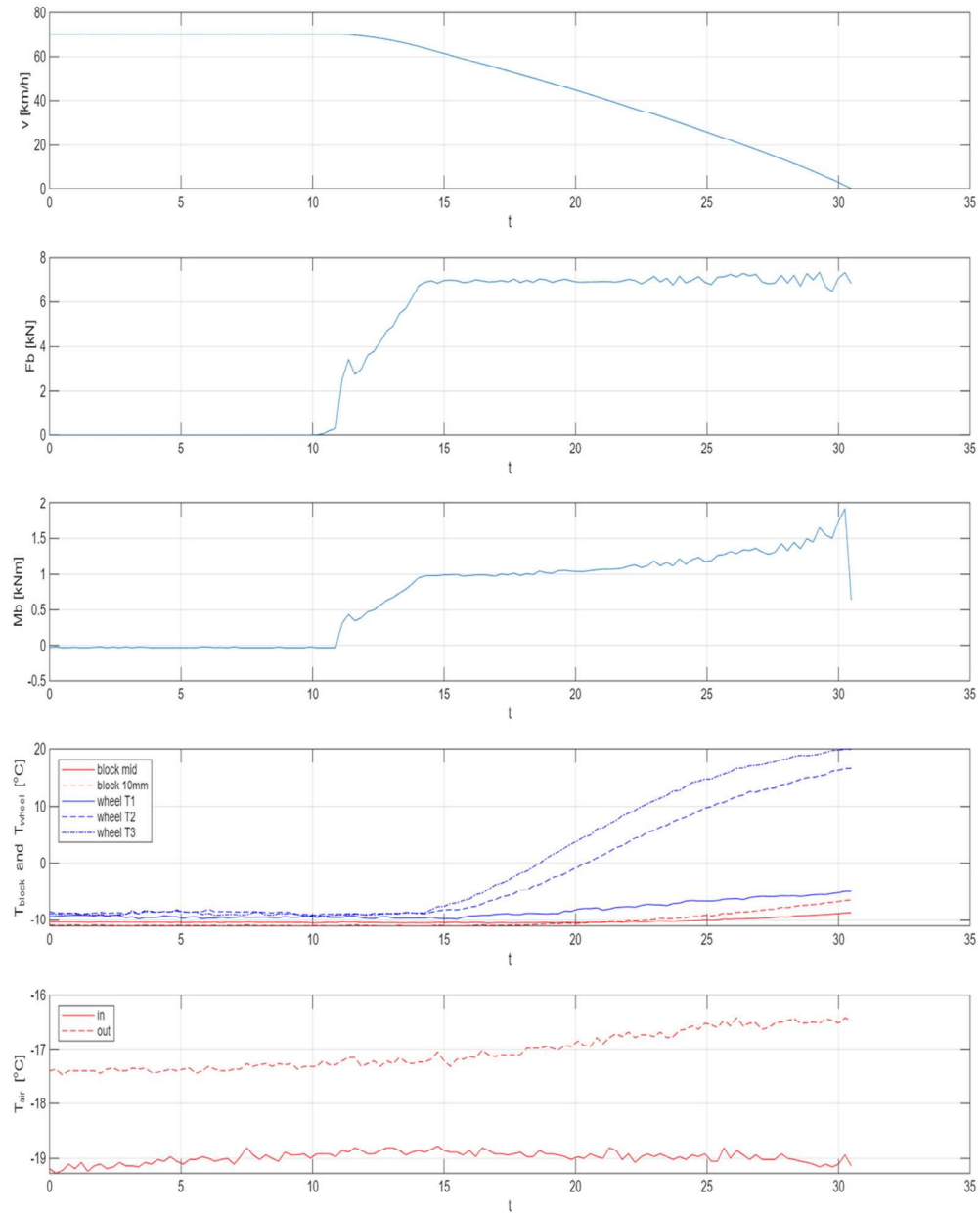


Figure 25. Measured data for C333 pre-testing Reference 7 kN, run 2, speed 70km/h

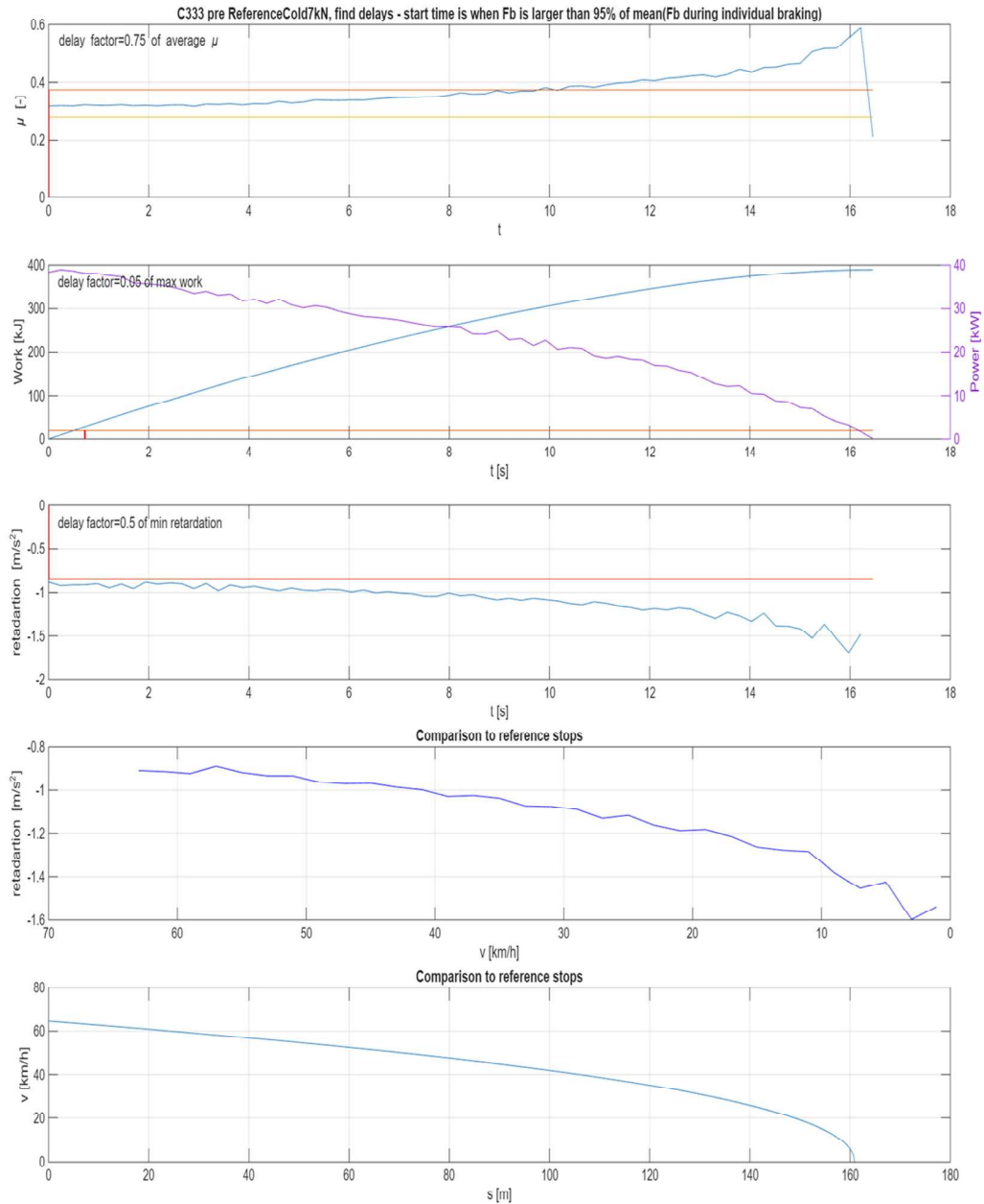


Figure 26. Calculated data and analysis for C333 pre-testing Reference 7 kN, run 2, speed 70km/h

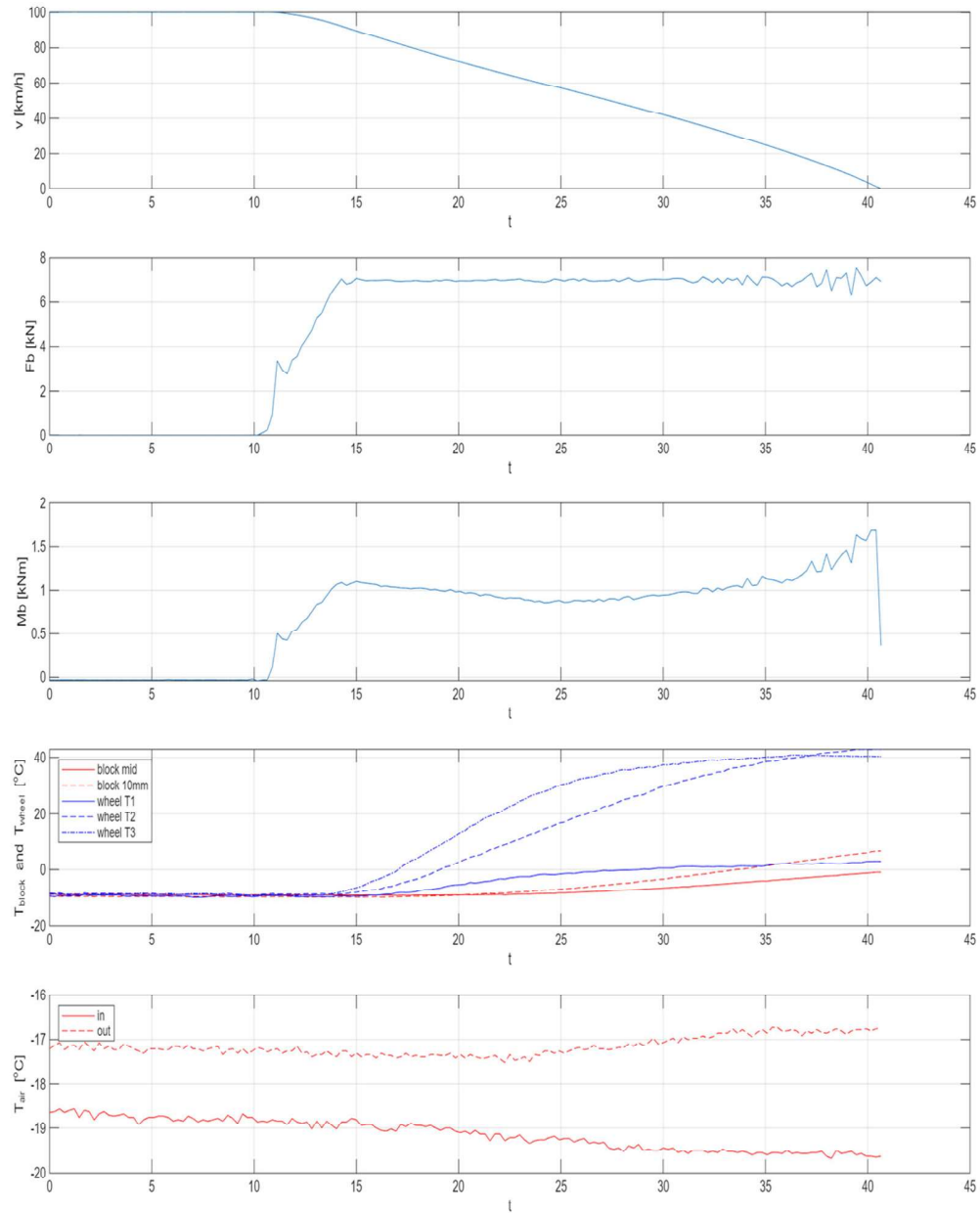


Figure 27. Measured data for C333 pre-testing Reference 7 kN, run 3, speed 100km/h

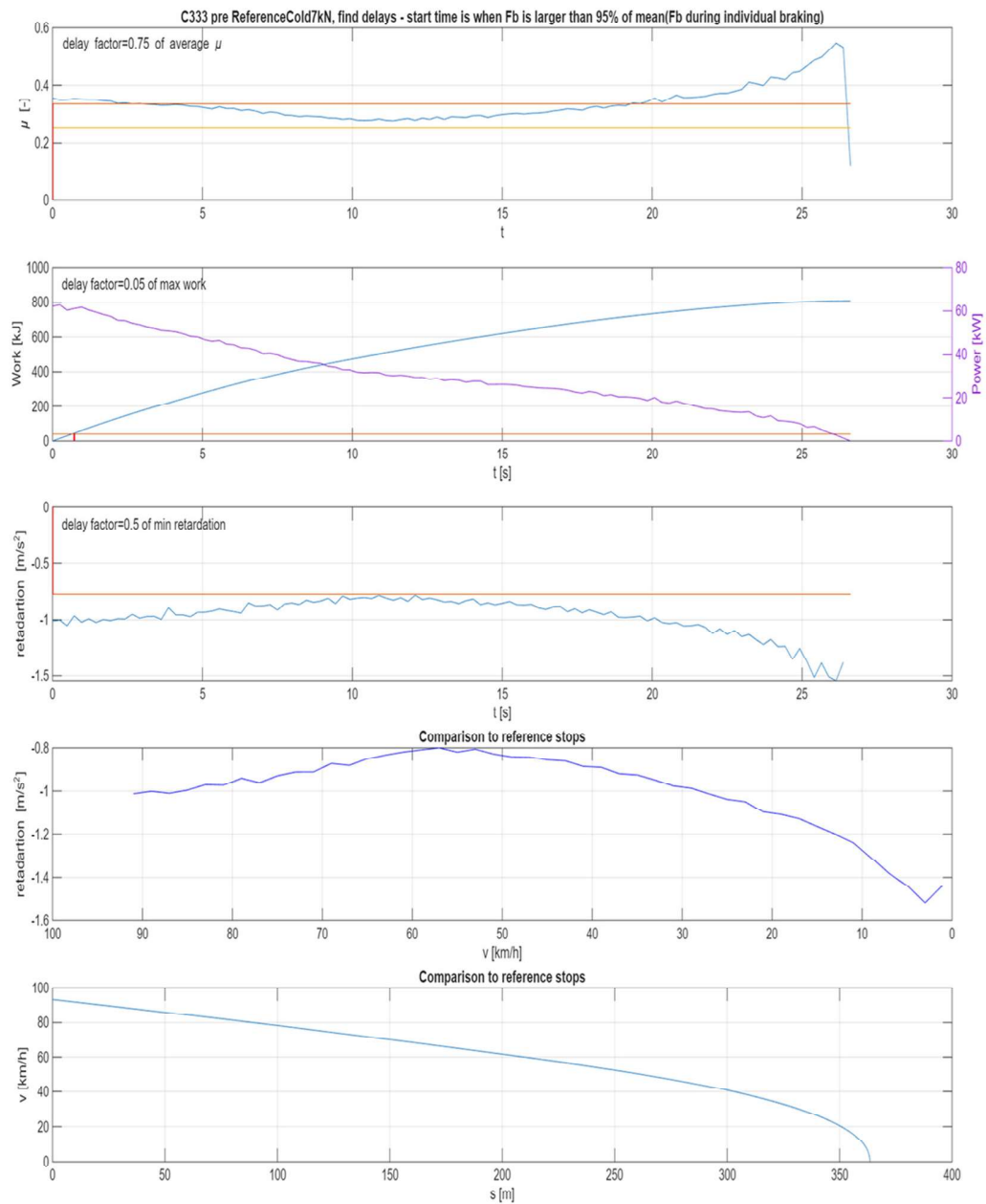


Figure 28. Calculated data and analysis for C333 pre-testing Reference 7 kN, run 3, speed 100km/h

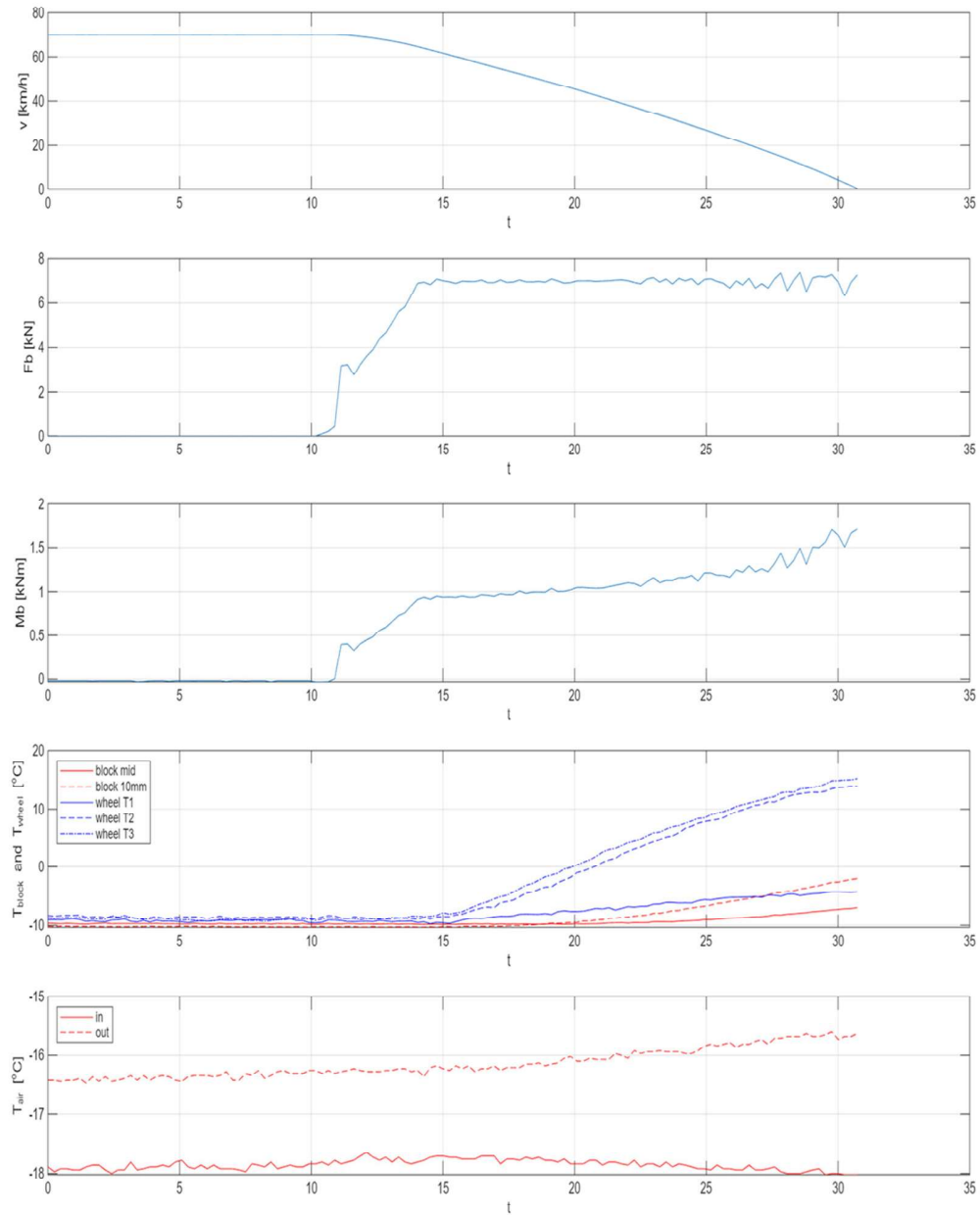


Figure 29. Measured data for C333 pre-testing Reference 7 kN, run 4, speed 70km/h

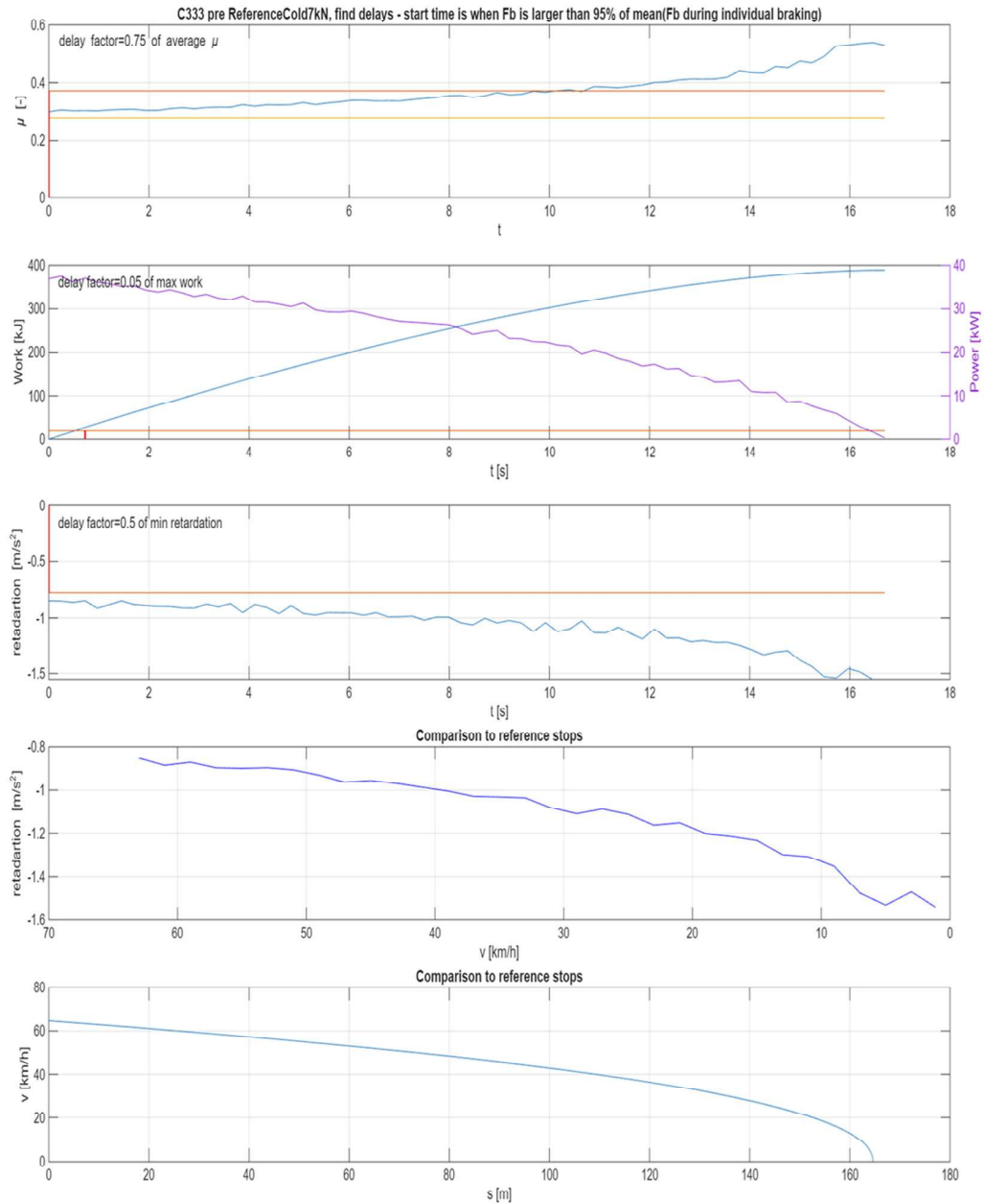


Figure 30. Calculated data and analysis for C333 pre-testing Reference 7 kN, run 4, speed 70km/h

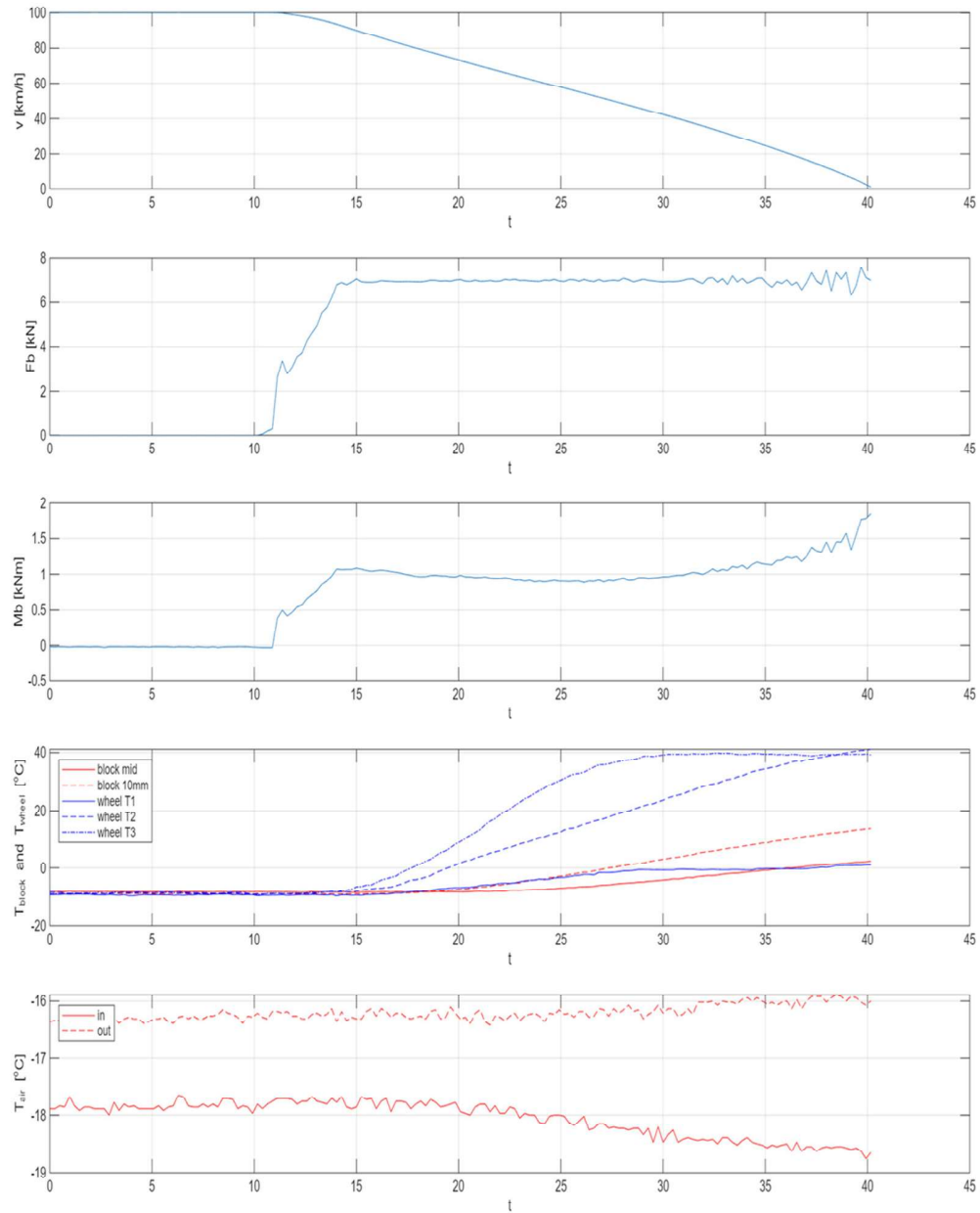


Figure 31. Measured data for C333 pre-testing Reference 7 kN, run 5, speed 100km/h

Results for C333 Reference 6.3 kN

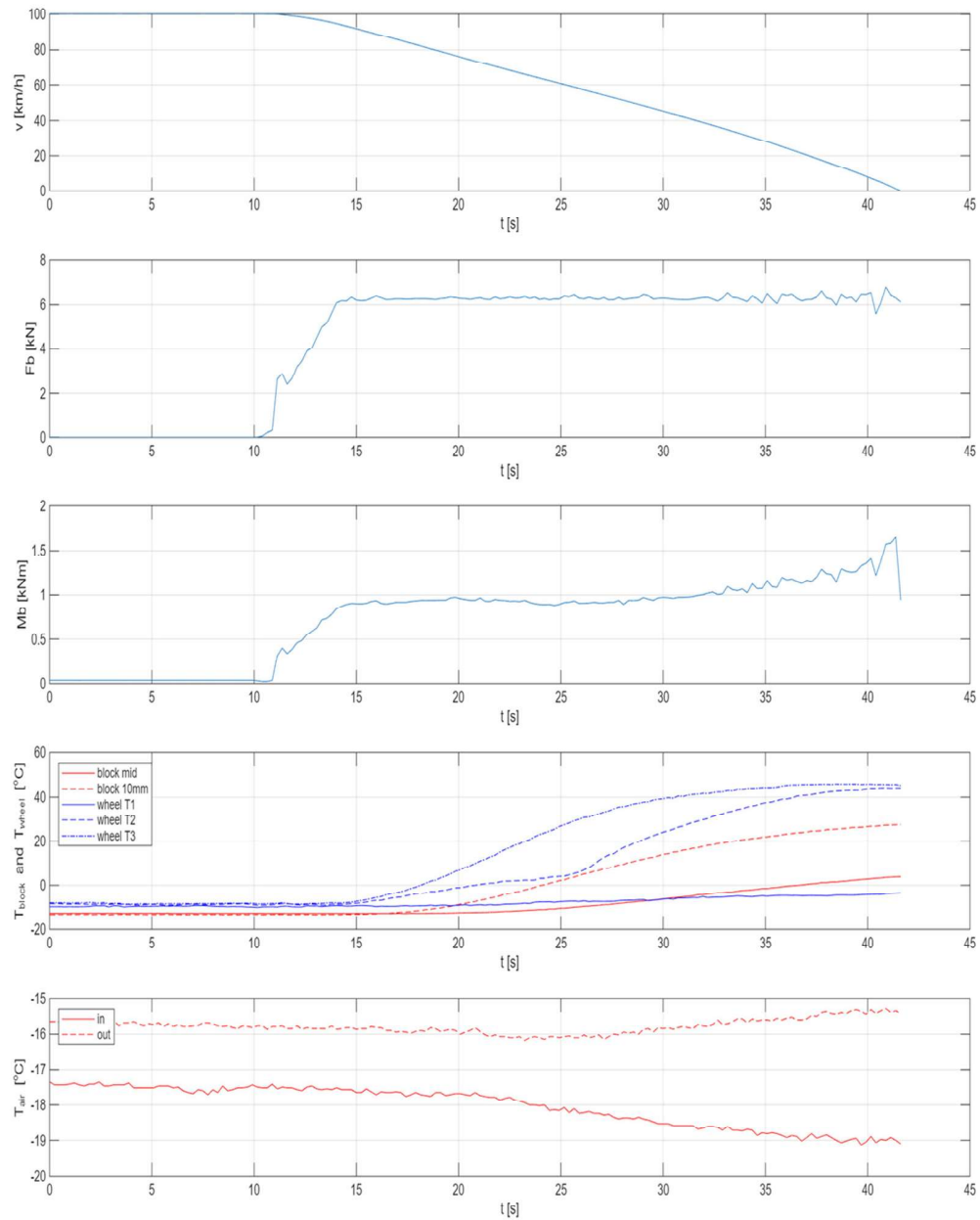


Figure 32. Measured data for C333 Reference 6.3 kN, run 1, speed 100km/h

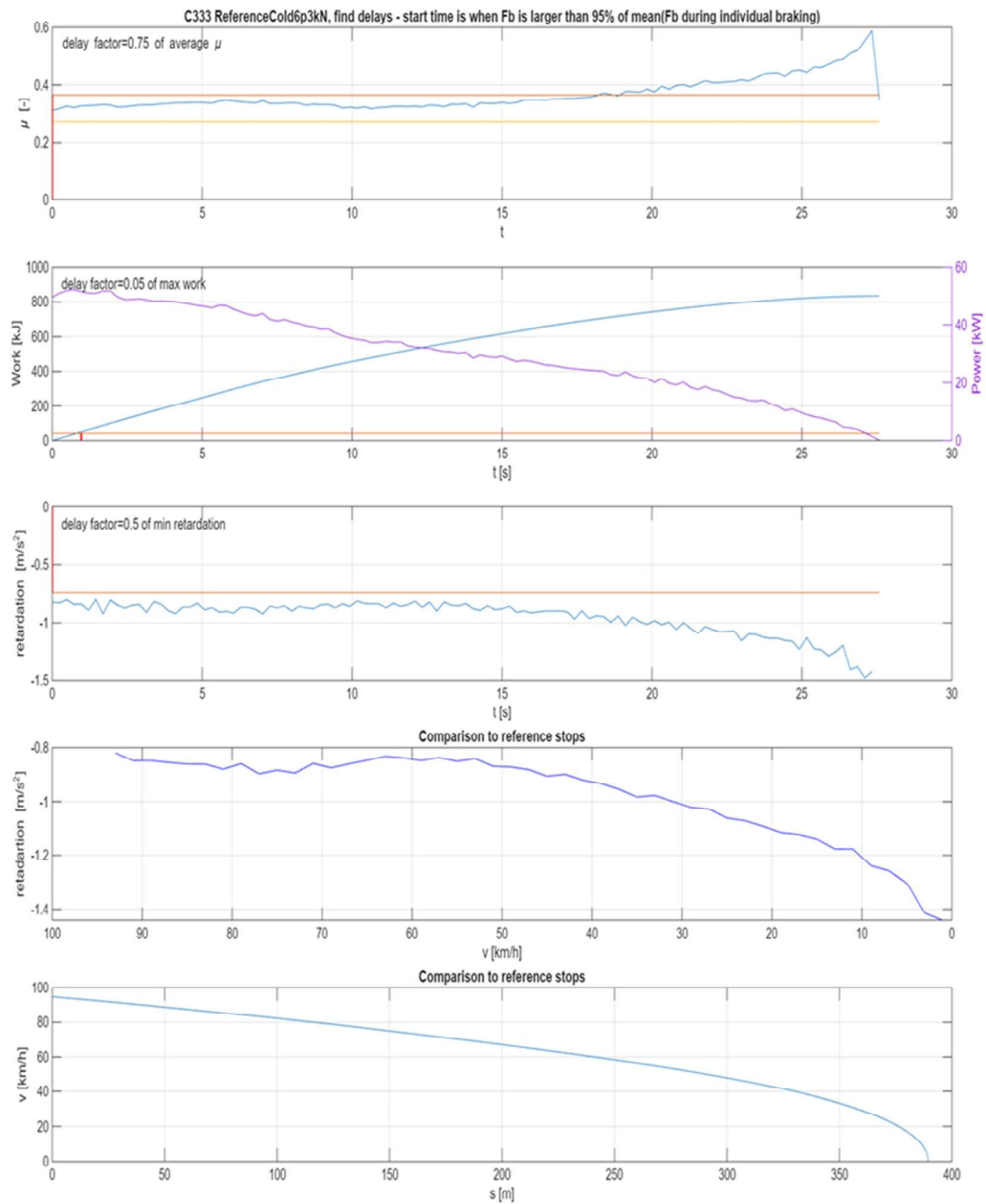


Figure 33. Calculated data and analysis for C333 Reference 6.3 kN, run 1, speed 100km/h

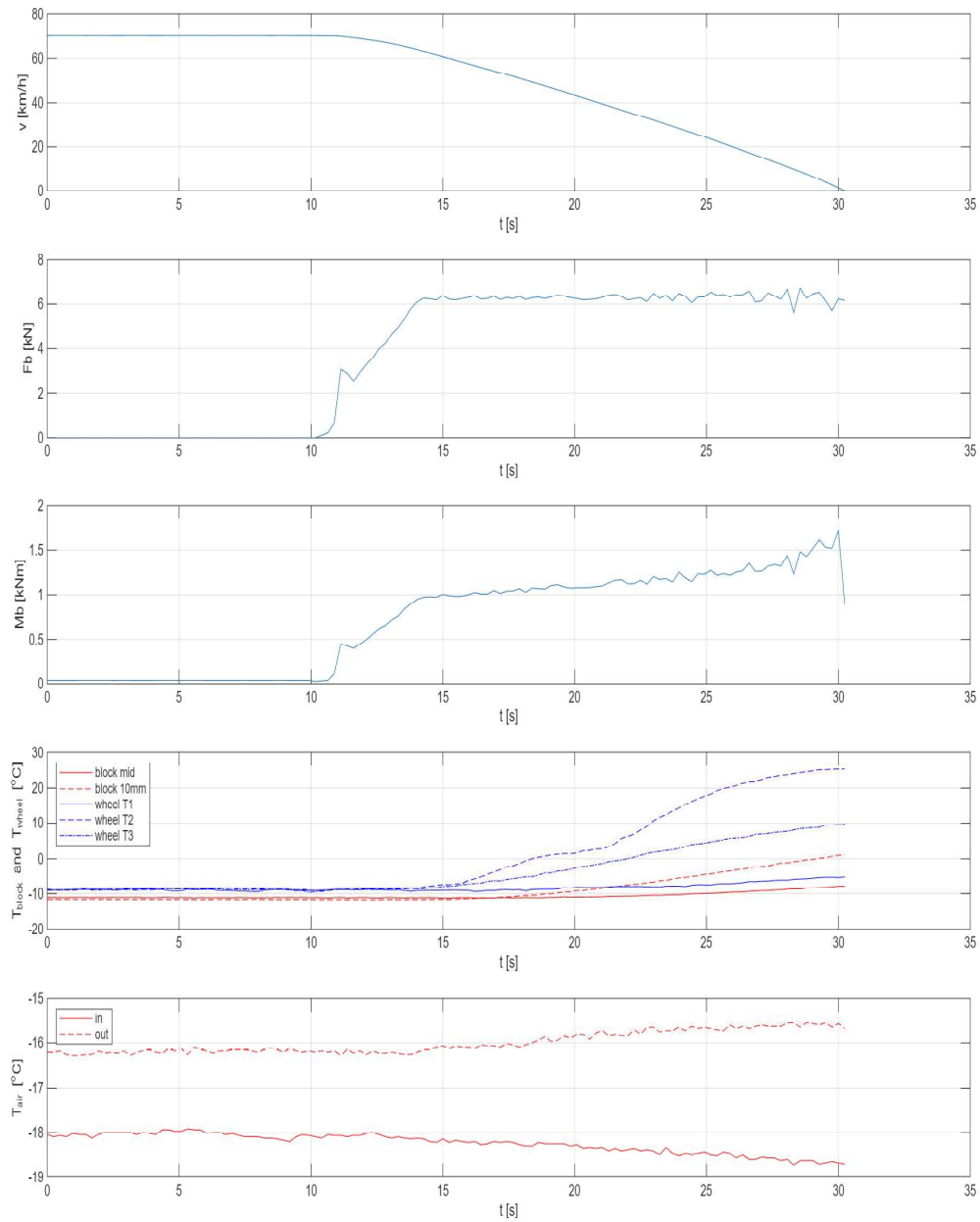


Figure 34. Measured data for C333 Reference 6.3 kN, run 2, speed 70km/h

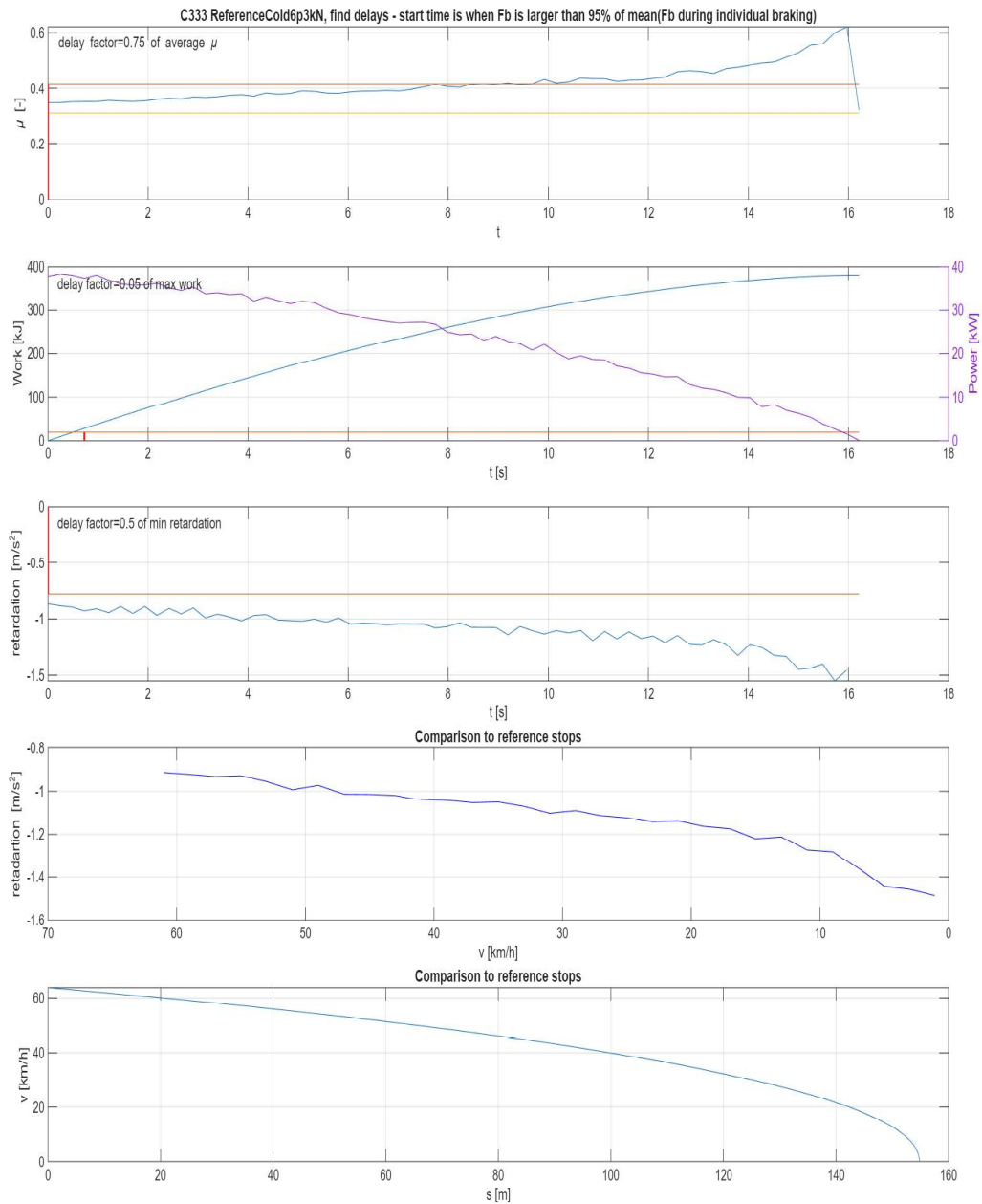


Figure 35. Calculated data and analysis for C333 Reference 6.3 kN, run 2, speed 70km/h

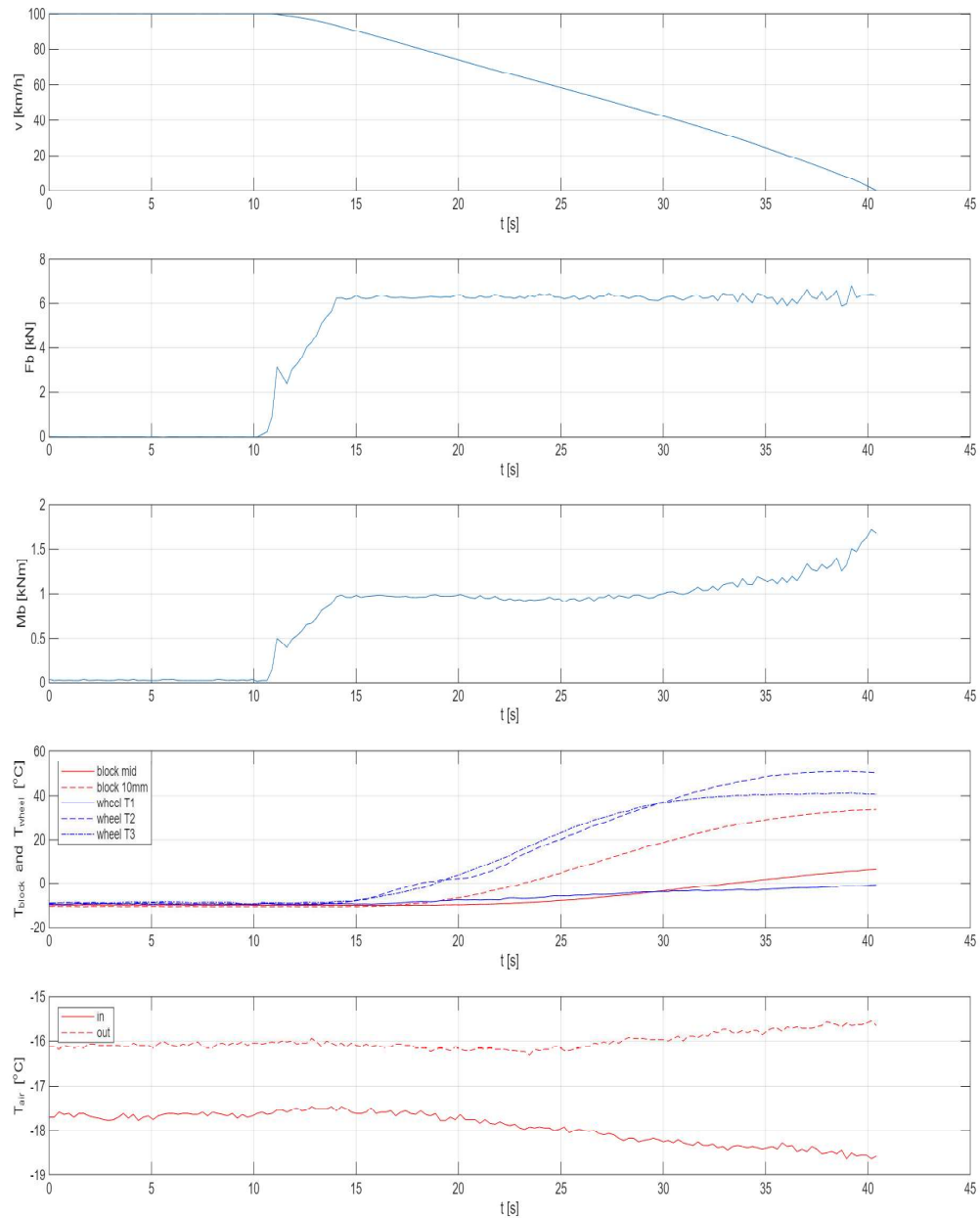


Figure 36. Measured data for C333 Reference 6.3 kN, run 3, speed 100km/h

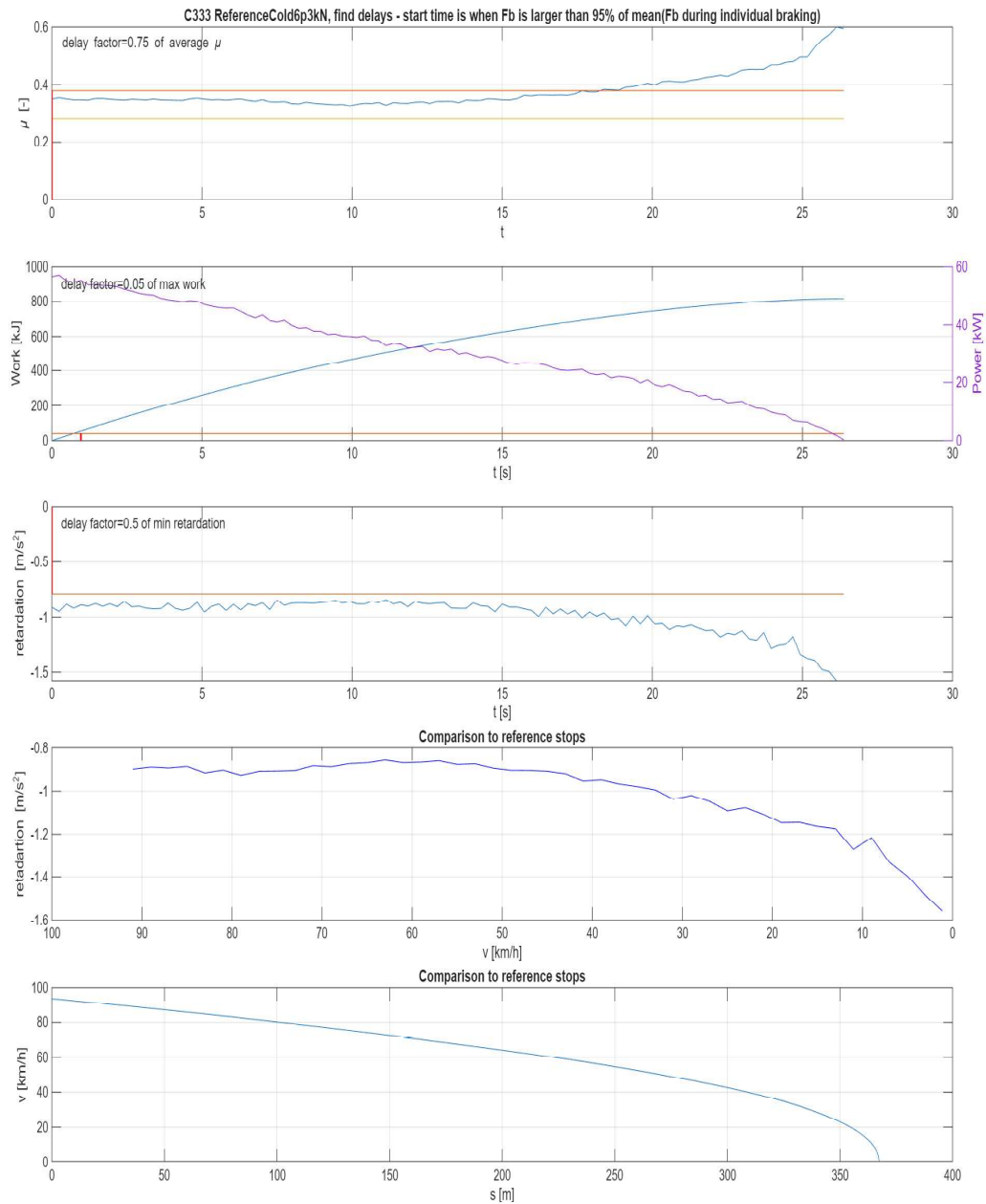


Figure 37. Calculated data and analysis for C333 Reference 6.3 kN, run 3, speed 100km/h

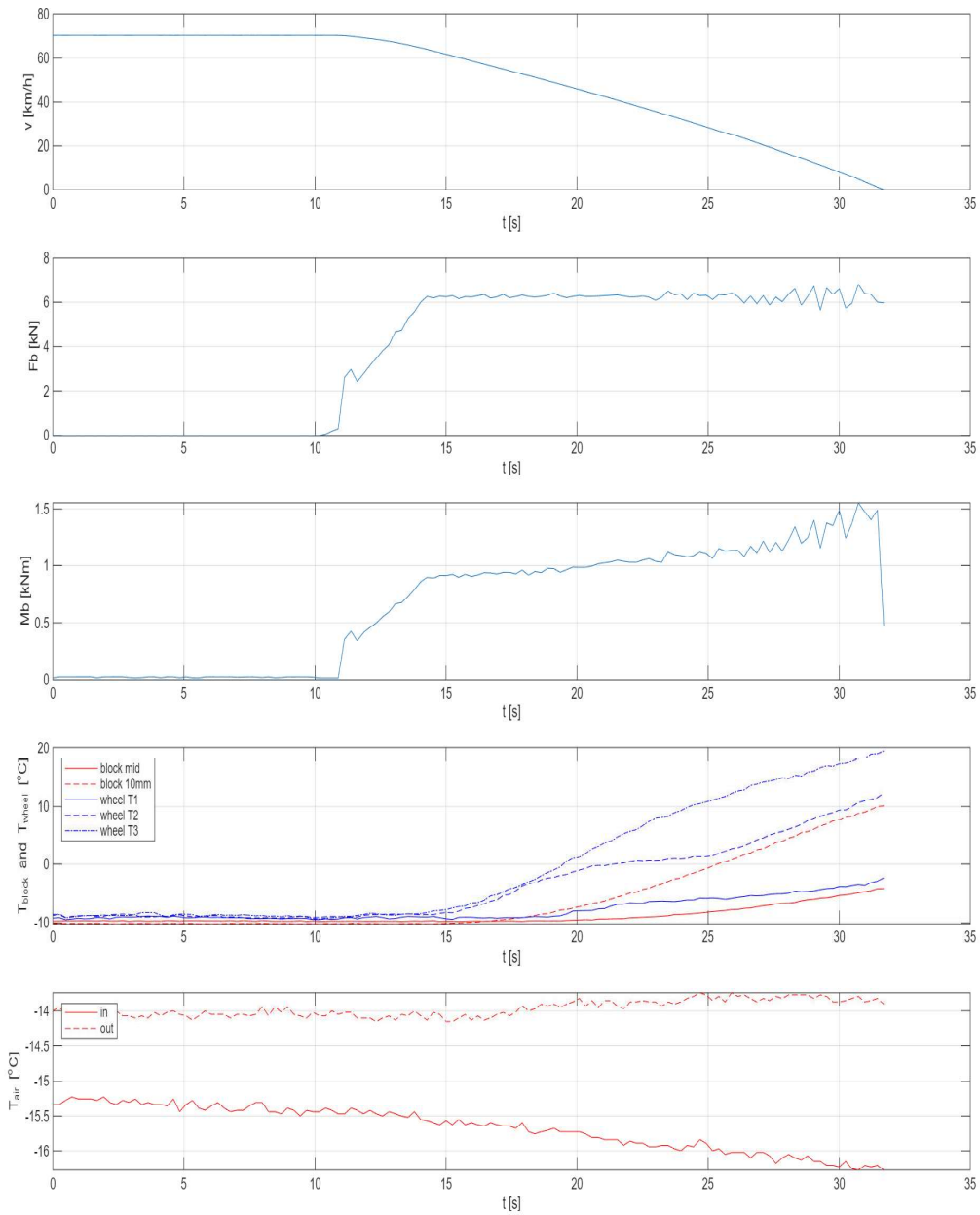


Figure 38. Measured data for C333 Reference 6.3 kN, run 4, speed 70km/h

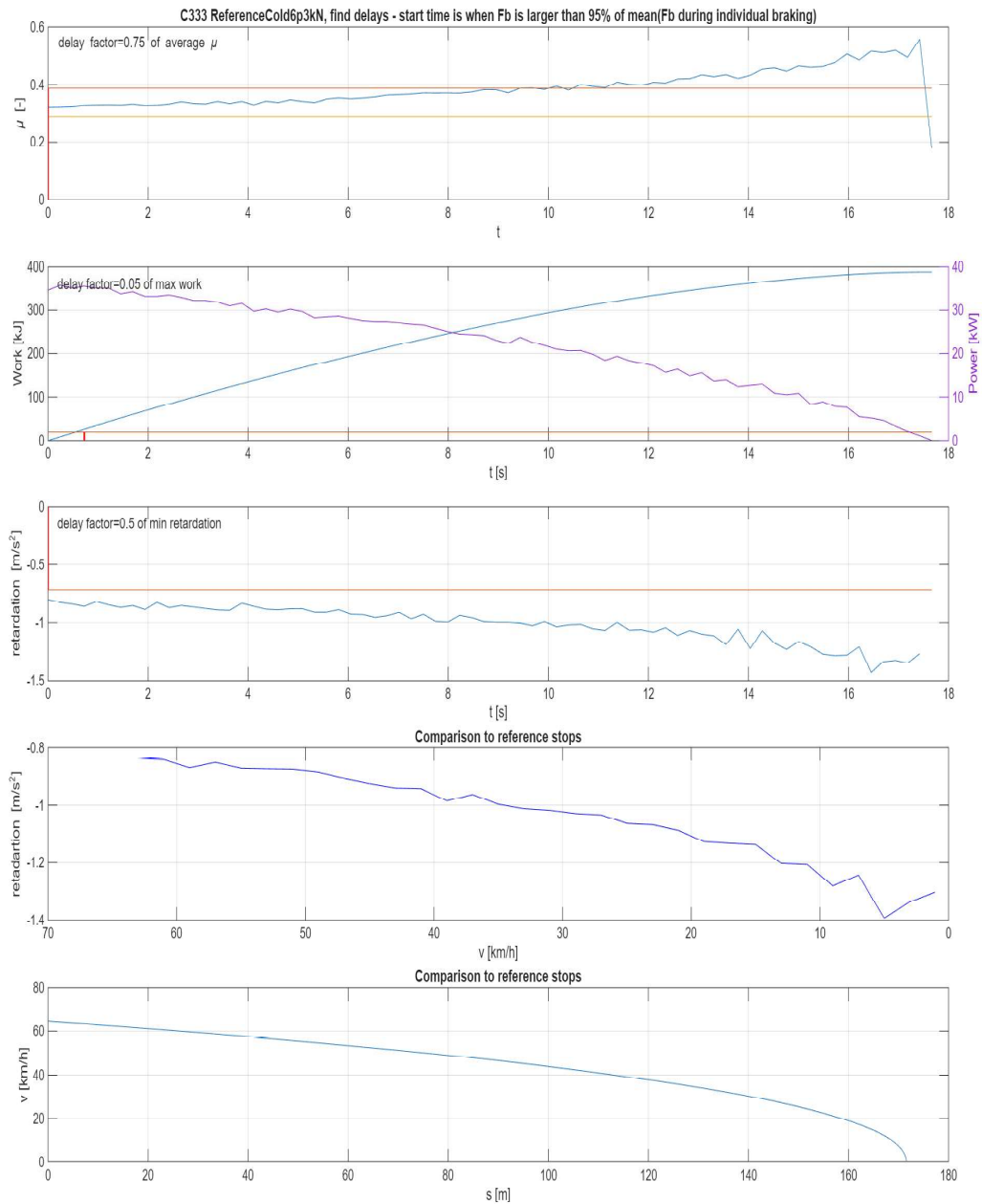


Figure 39. Calculated data and analysis for C333 Reference 6.3 kN, run 4, speed 70km/h

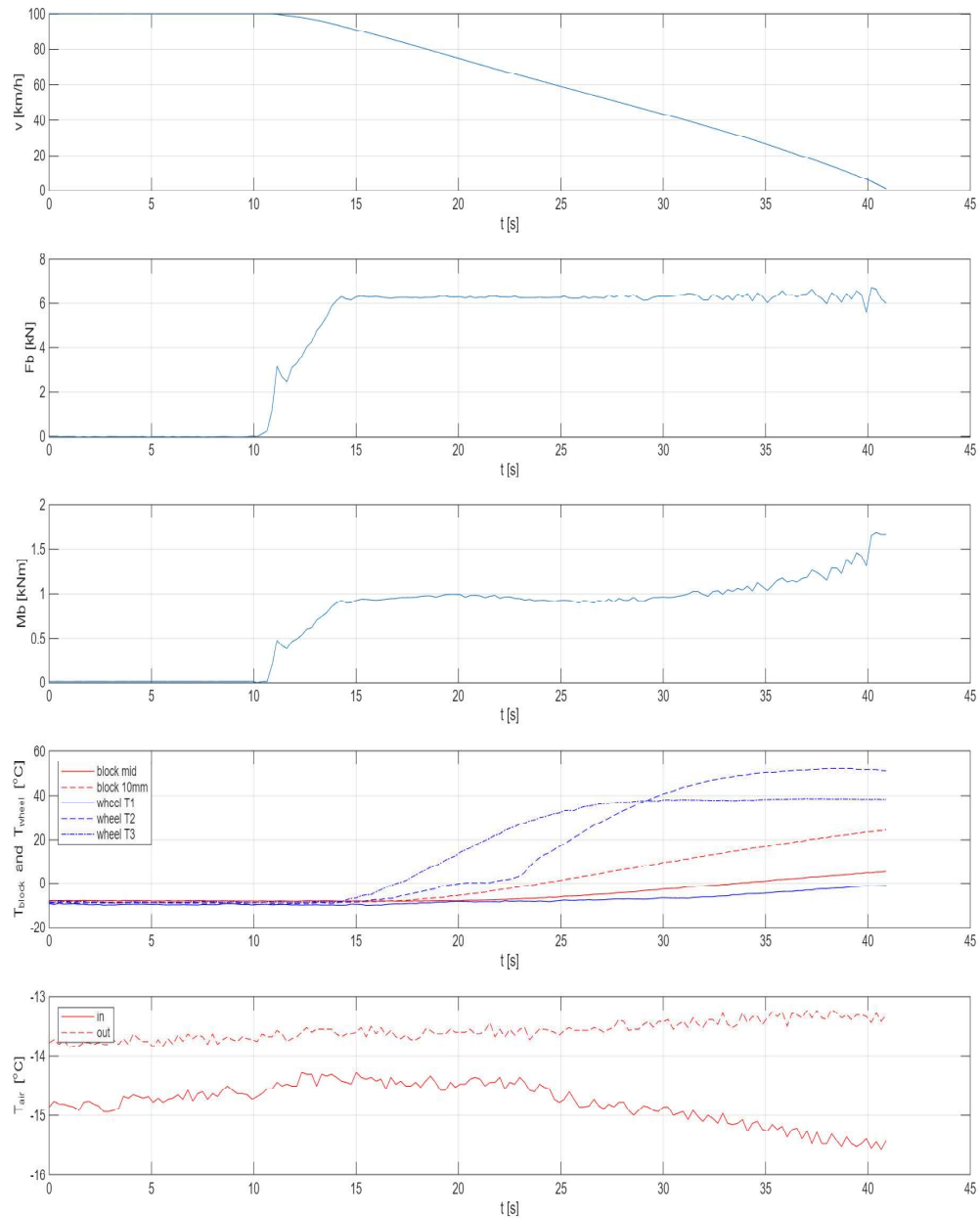


Figure 40. Measured data for C333 Reference 6.3 kN, run 5, speed 100km/h

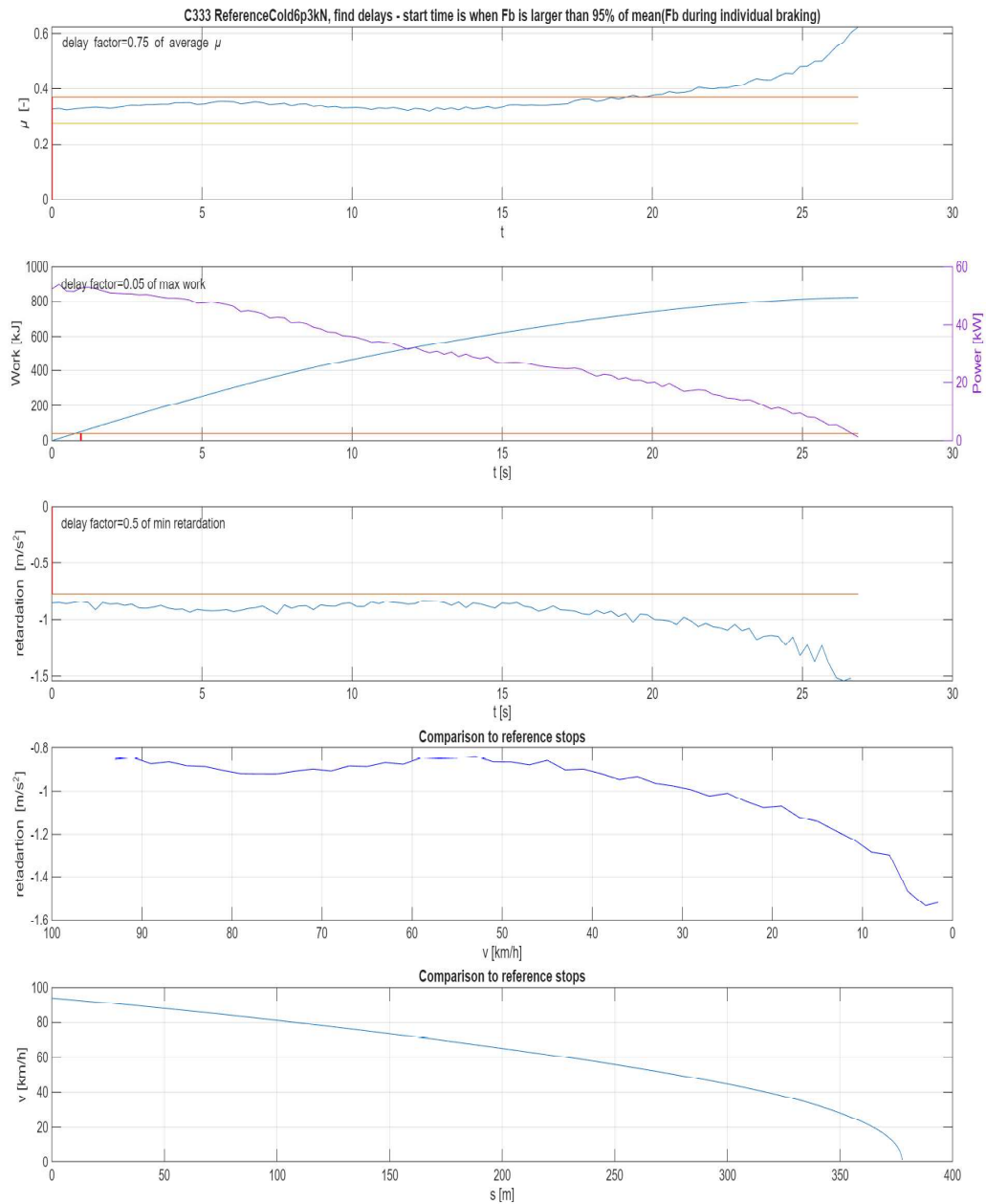


Figure 41. Calculated data and analysis for C333 Reference 6.3 kN, run 5, speed 100km/h

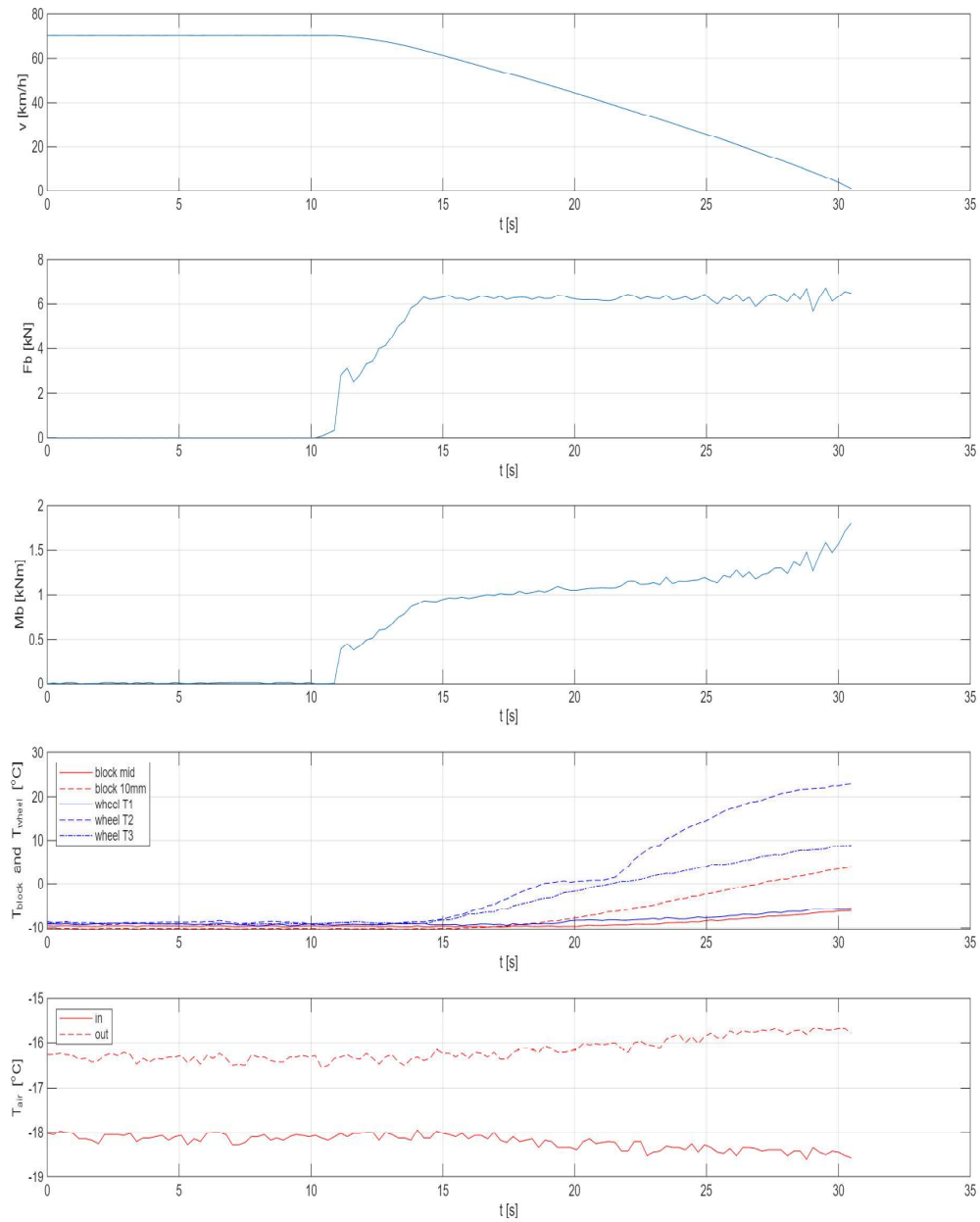


Figure 42. Measured data for C333 Reference 6.3 kN, run 6, speed 70km/h

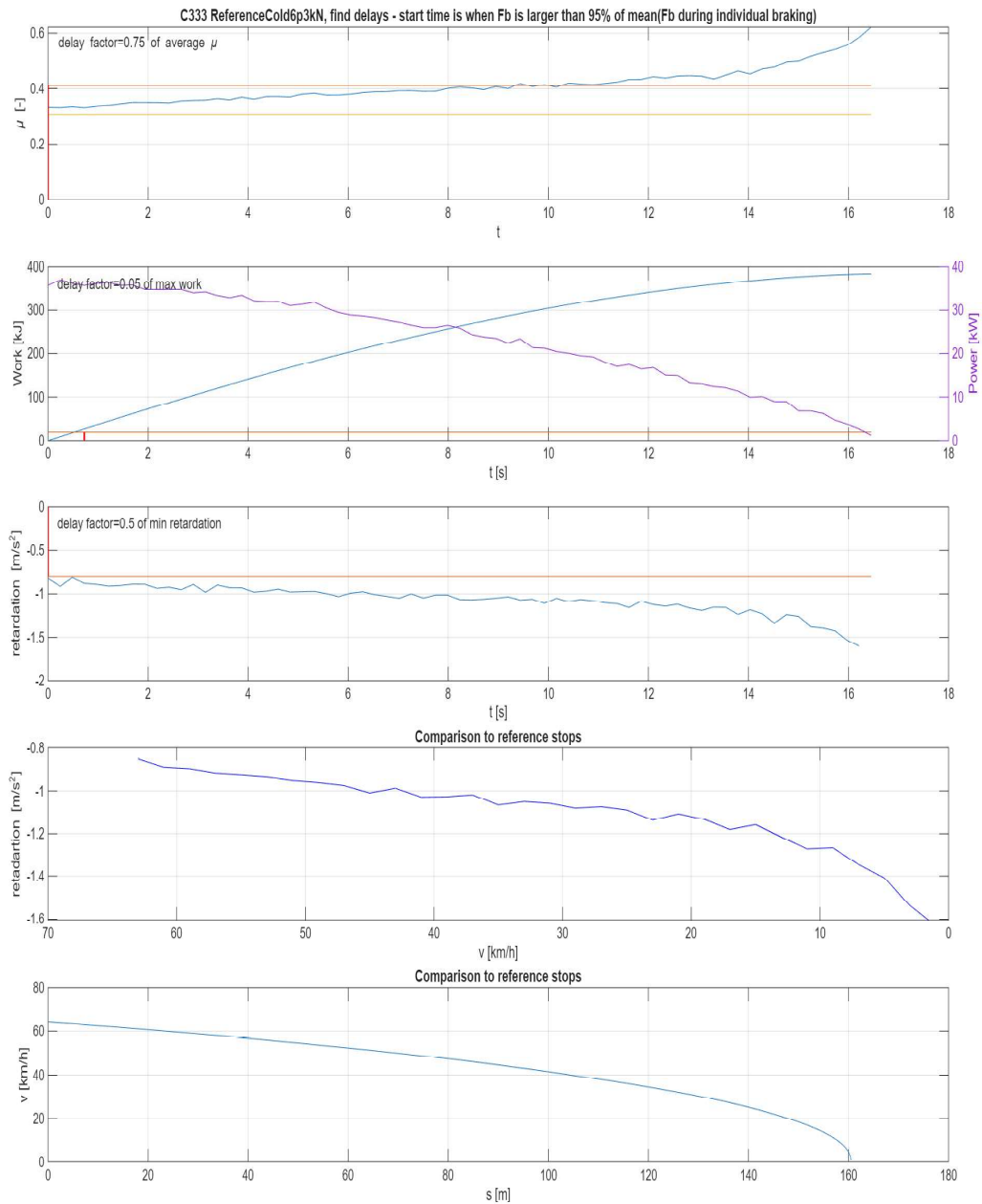


Figure 43. Calculated data and analysis for C333 Reference 6.3 kN, run 6, speed 70km/h

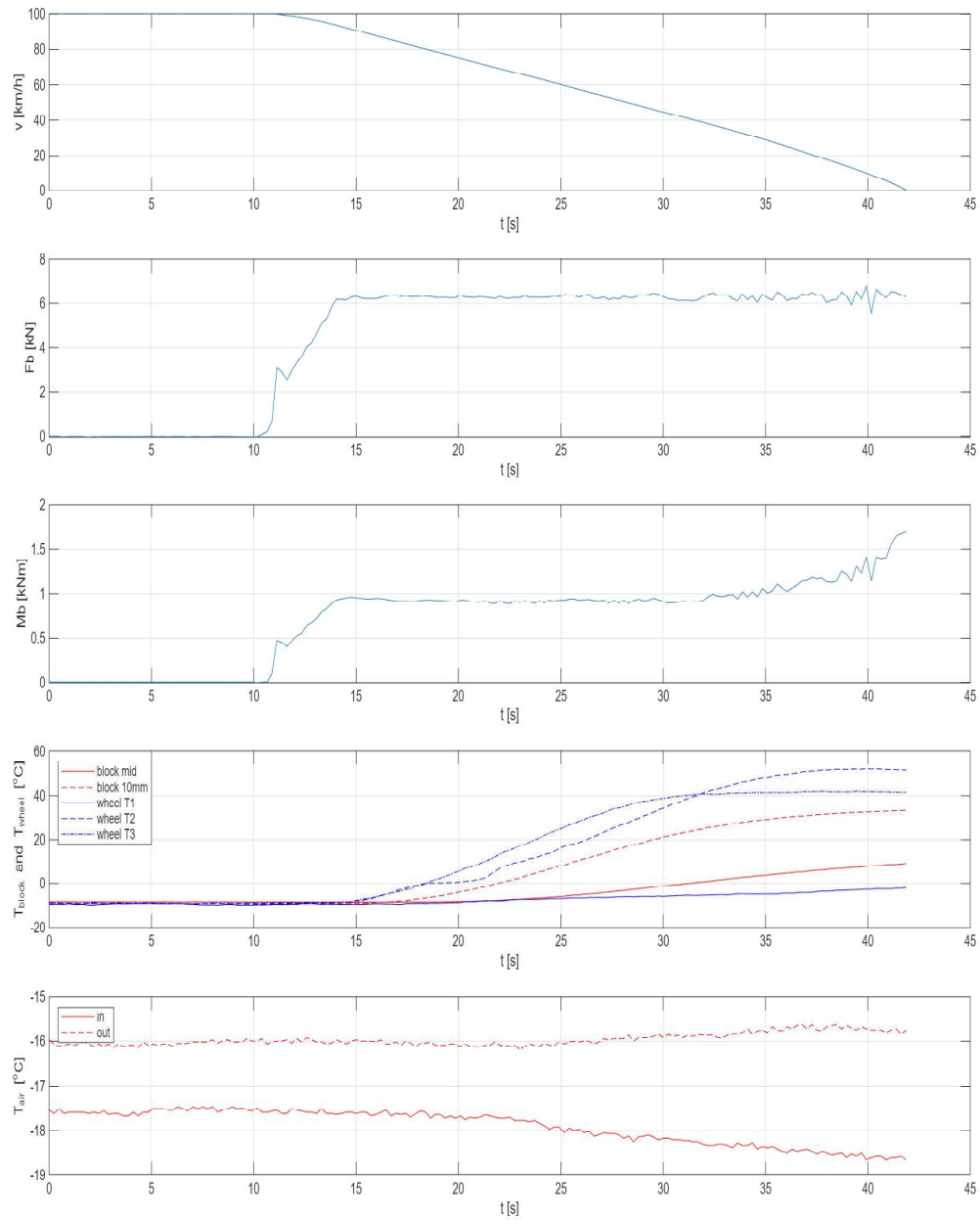


Figure 44. Measured data for C333 Reference 6.3 kN, run 7, speed 100km/h

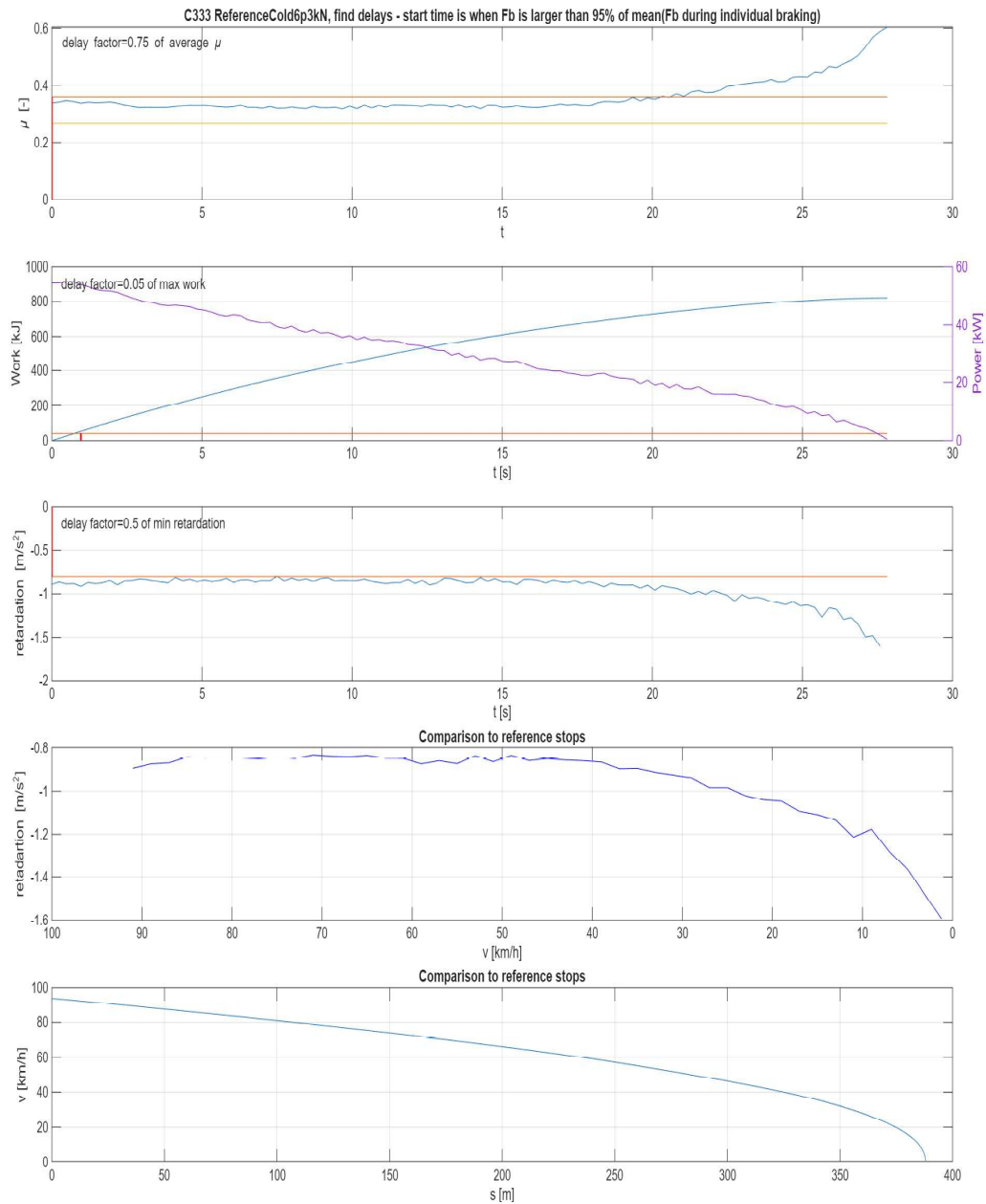


Figure 45. Calculated data and analysis for C333 Reference 6.3 kN, run 7, speed 100km/h

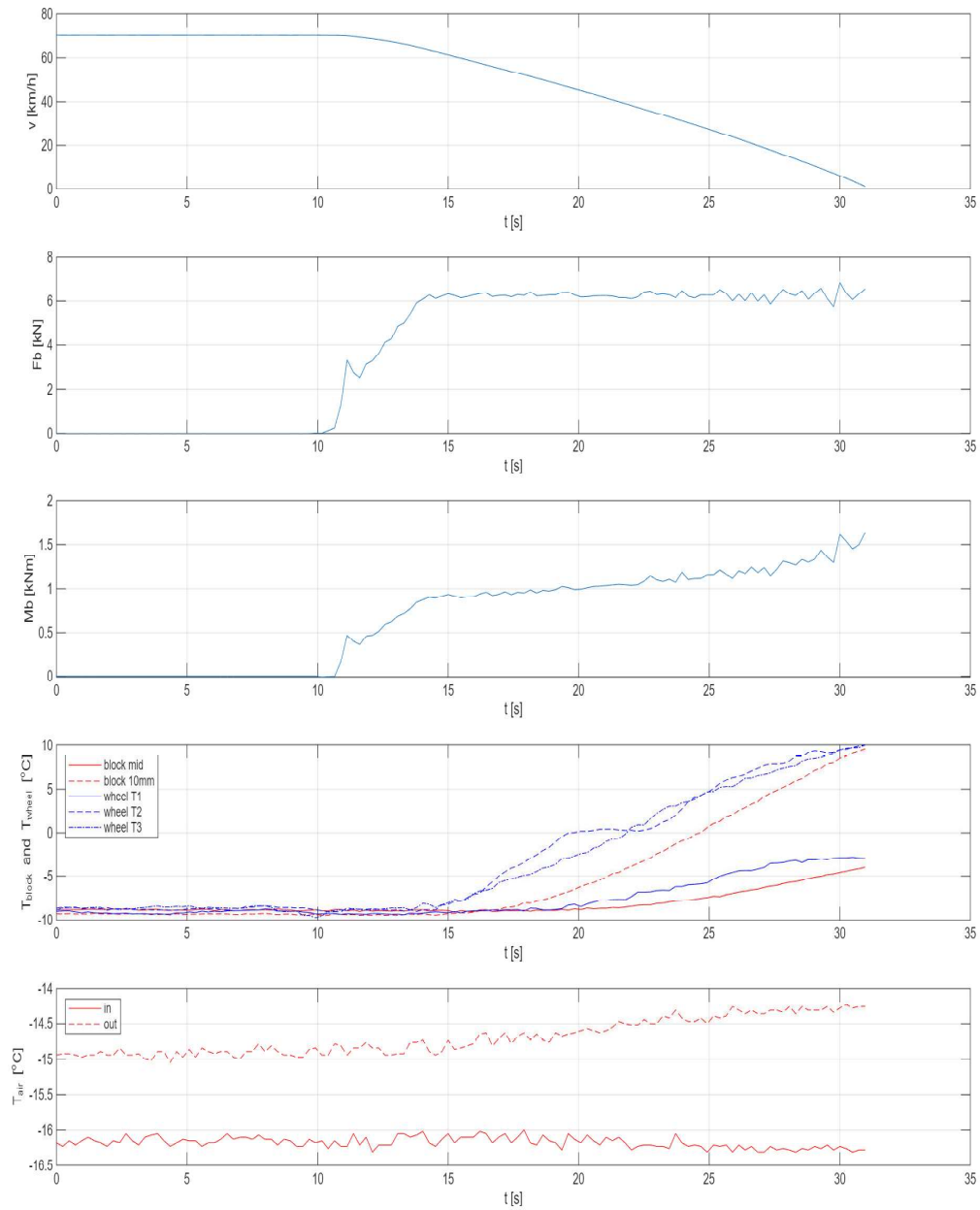


Figure 46. Measured data for C333 Reference 6.3 kN, run 8, speed 70km/h

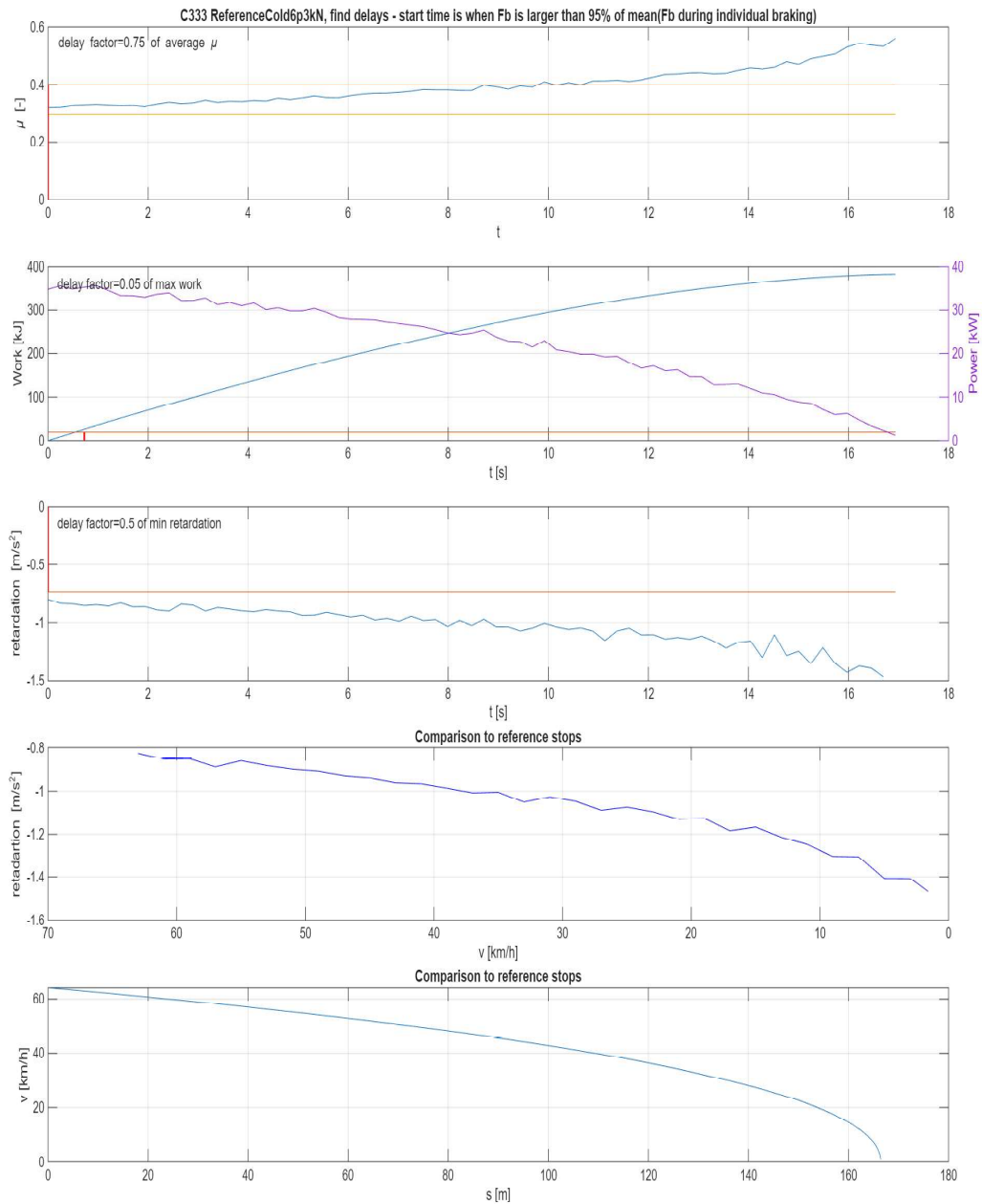


Figure 47. Calculated data and analysis for C333 Reference 6.3 kN, run 8, speed 70km/h

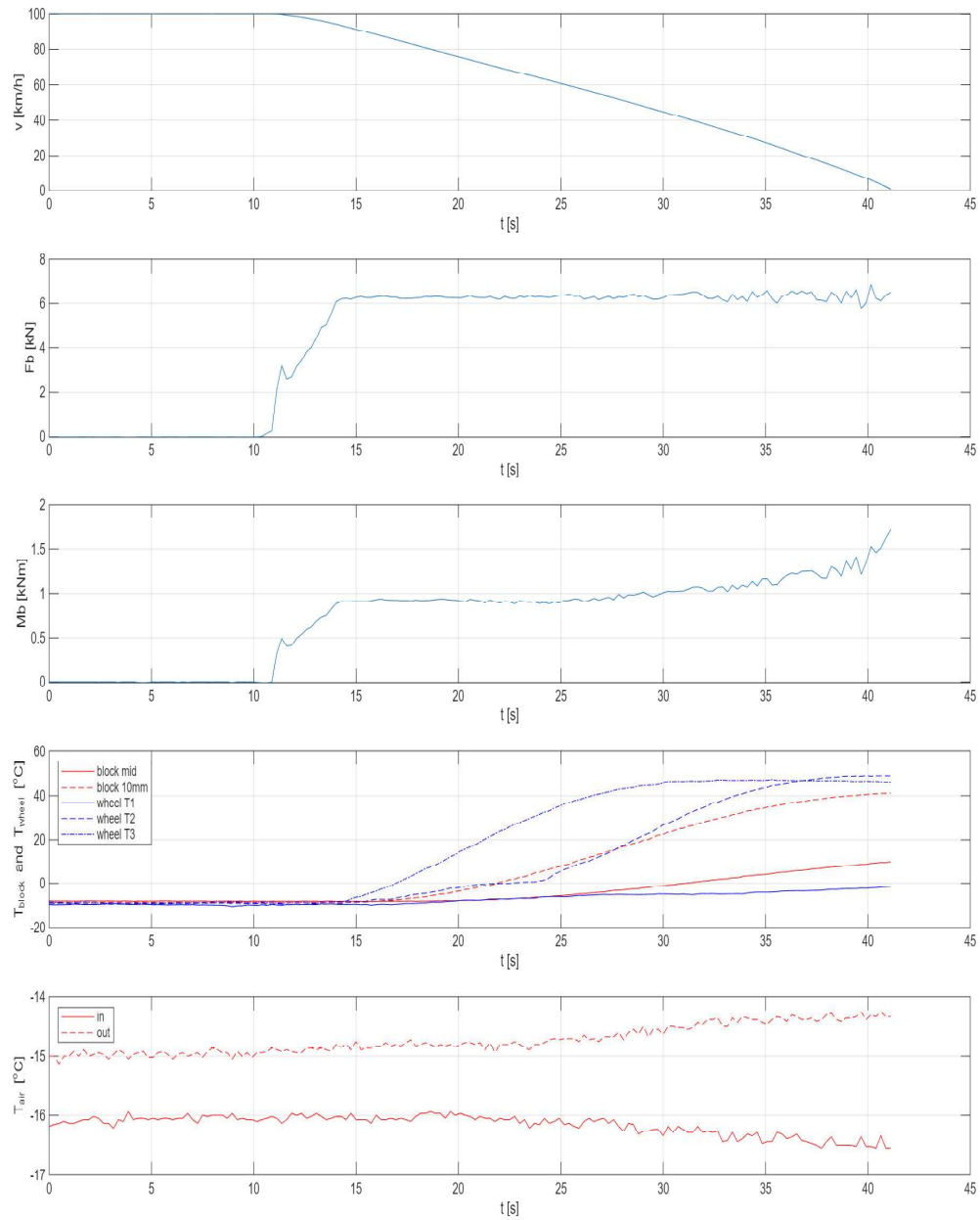


Figure 48. Measured data for C333 Reference 6.3 kN, run 9, speed 100km/h

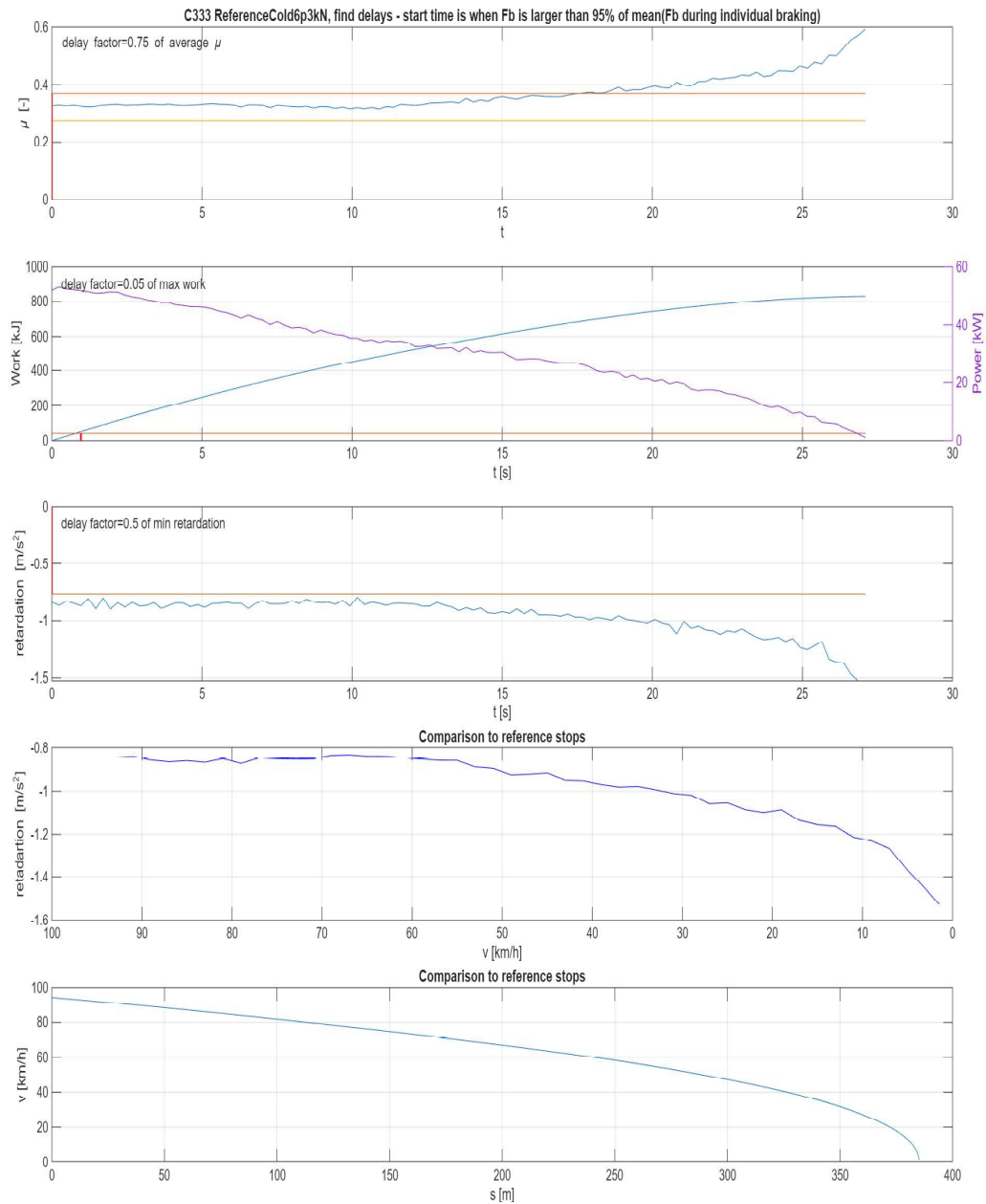


Figure 49. Calculated data and analysis for C333 Reference 6.3 kN, run 9, speed 100km/h

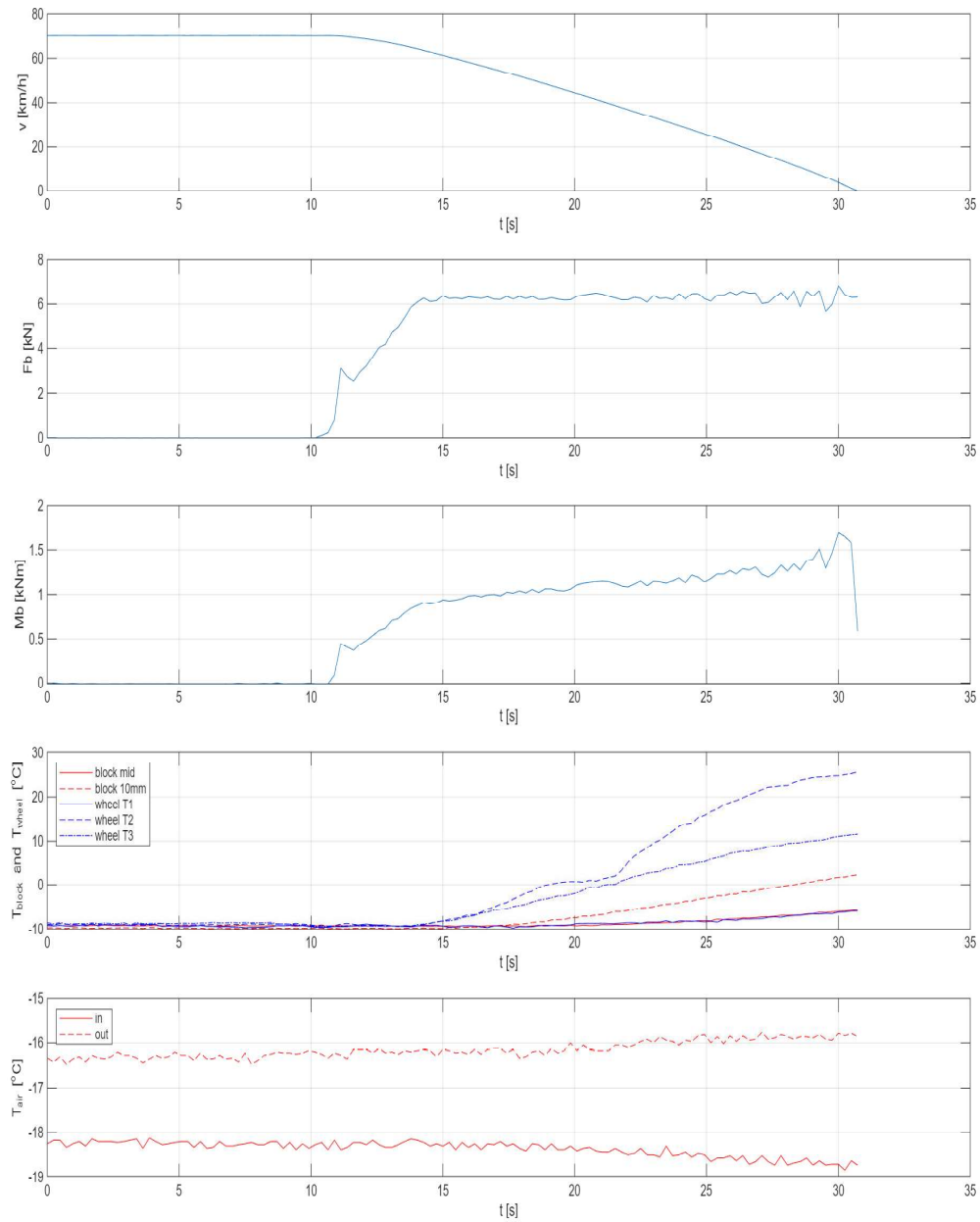


Figure 50. Measured data for C333 Reference 6.3 kN, run 10, speed 70km/h

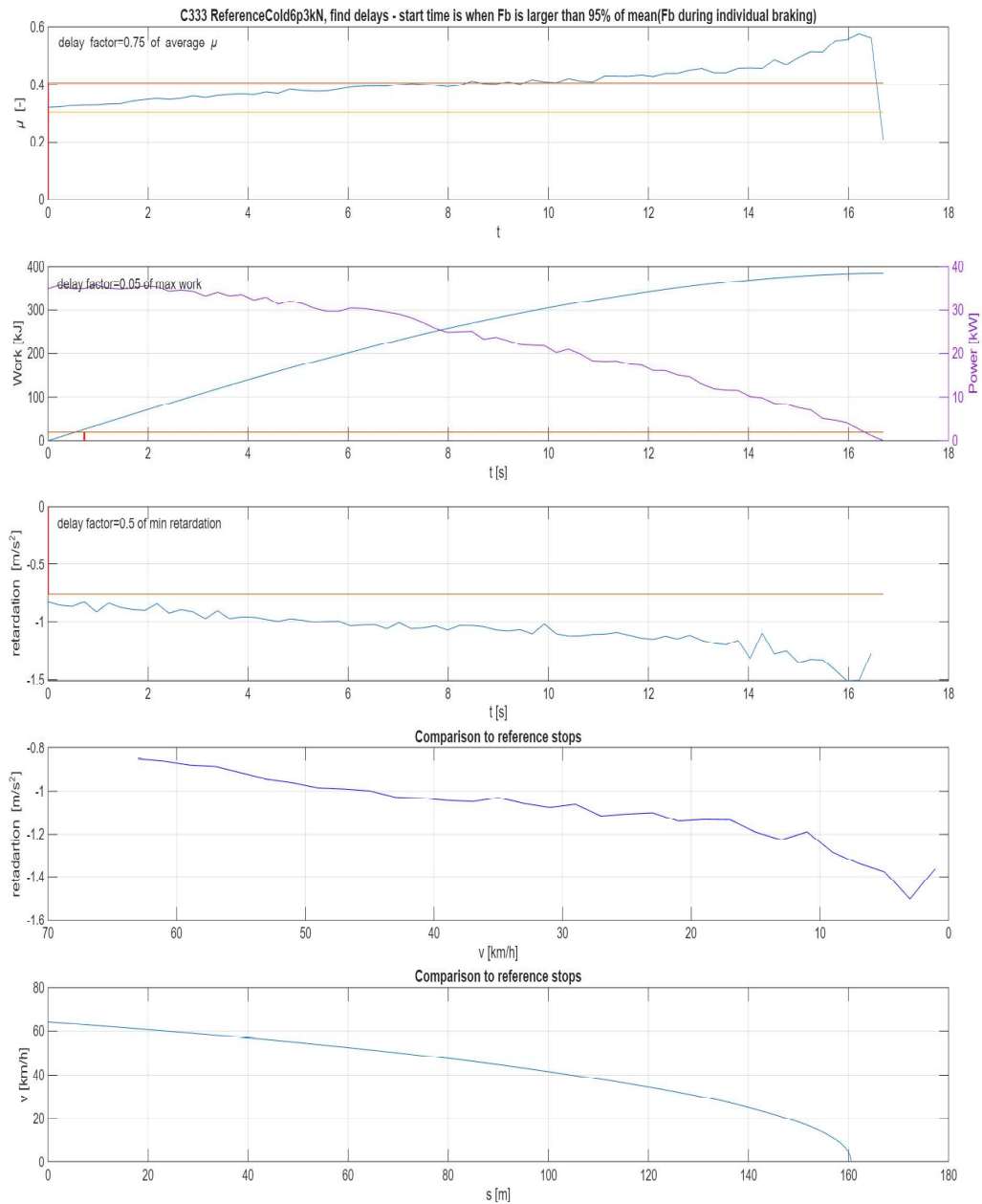


Figure 51. Calculated data and analysis for C333 Reference 6.3 kN, run 10, speed 70km/h

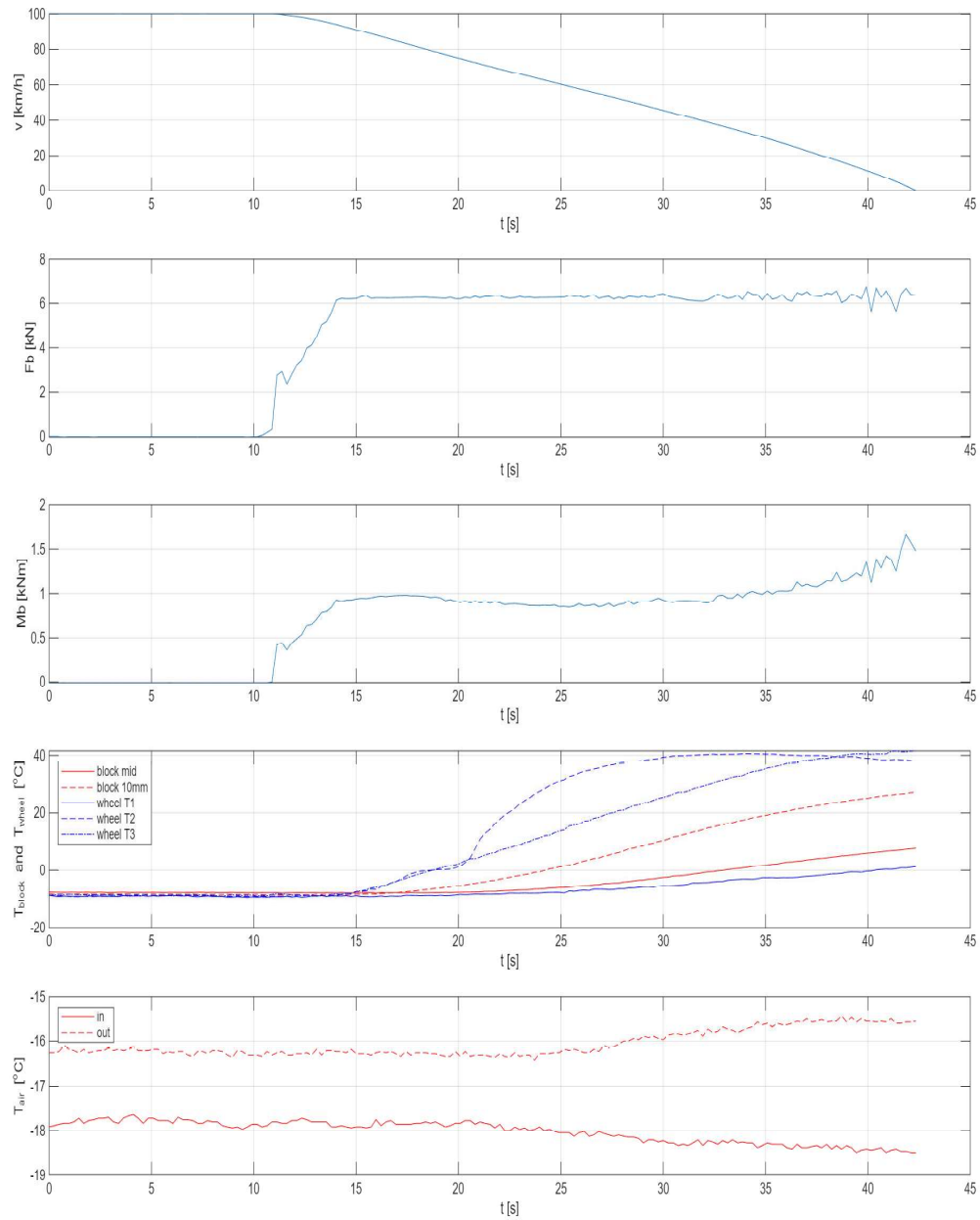


Figure 52. Measured data for C333 Reference 6.3 kN, run 11, speed 100km/h

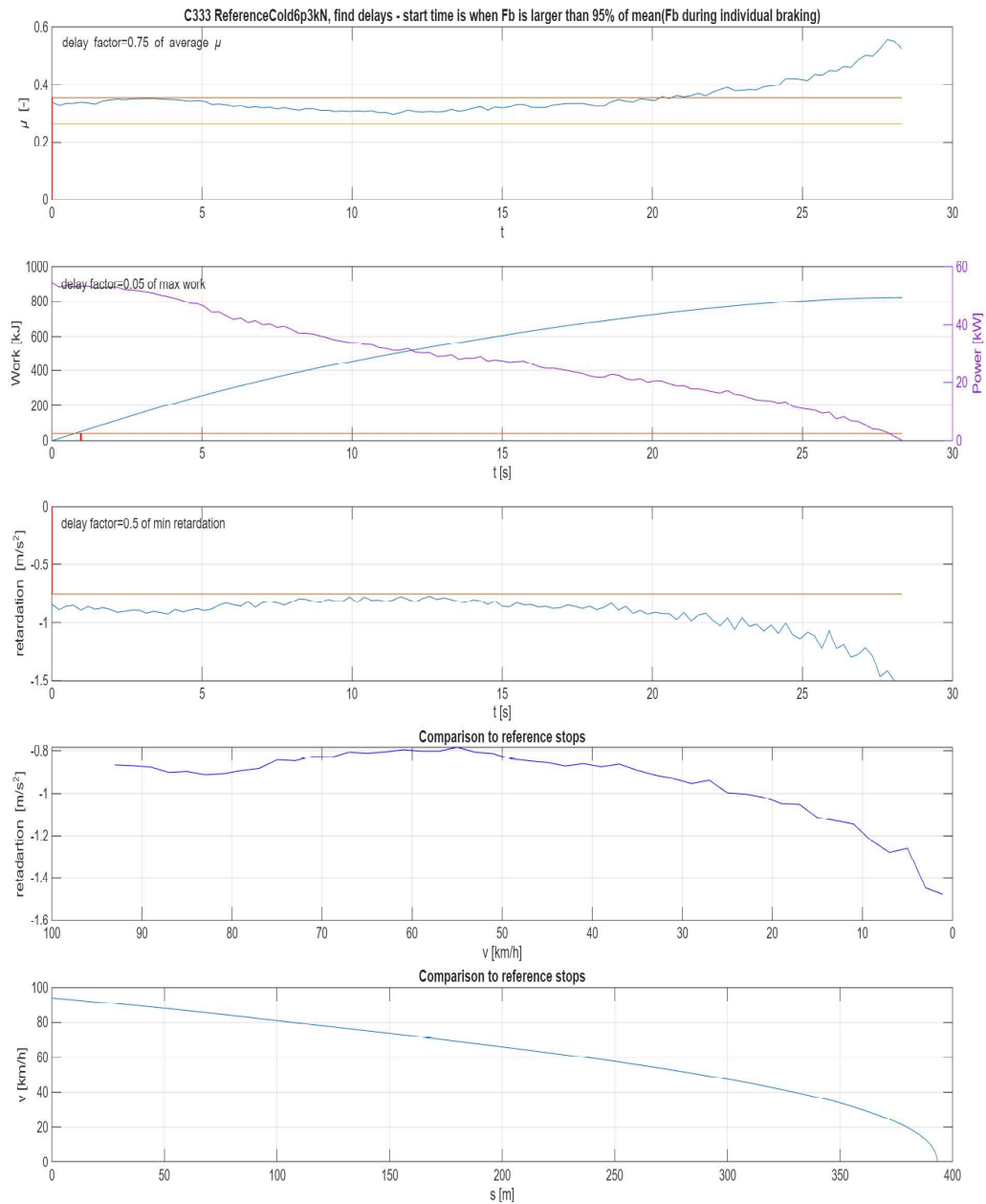


Figure 53. Calculated data and analysis for C333 Reference 6.3 kN, run 11, speed 100km/h

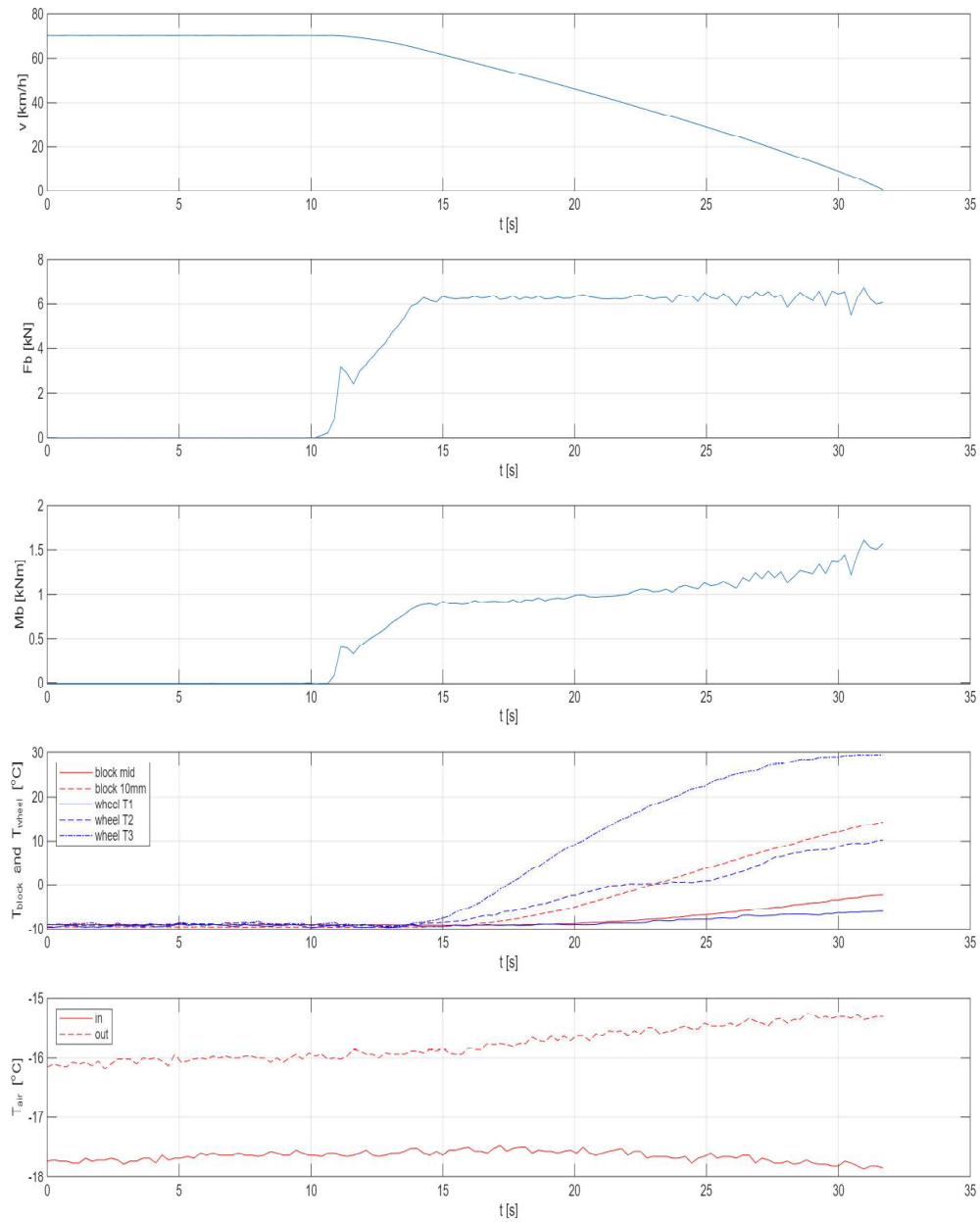


Figure 54. Measured data for C333 Reference 6.3 kN, run 12, speed 70km/h

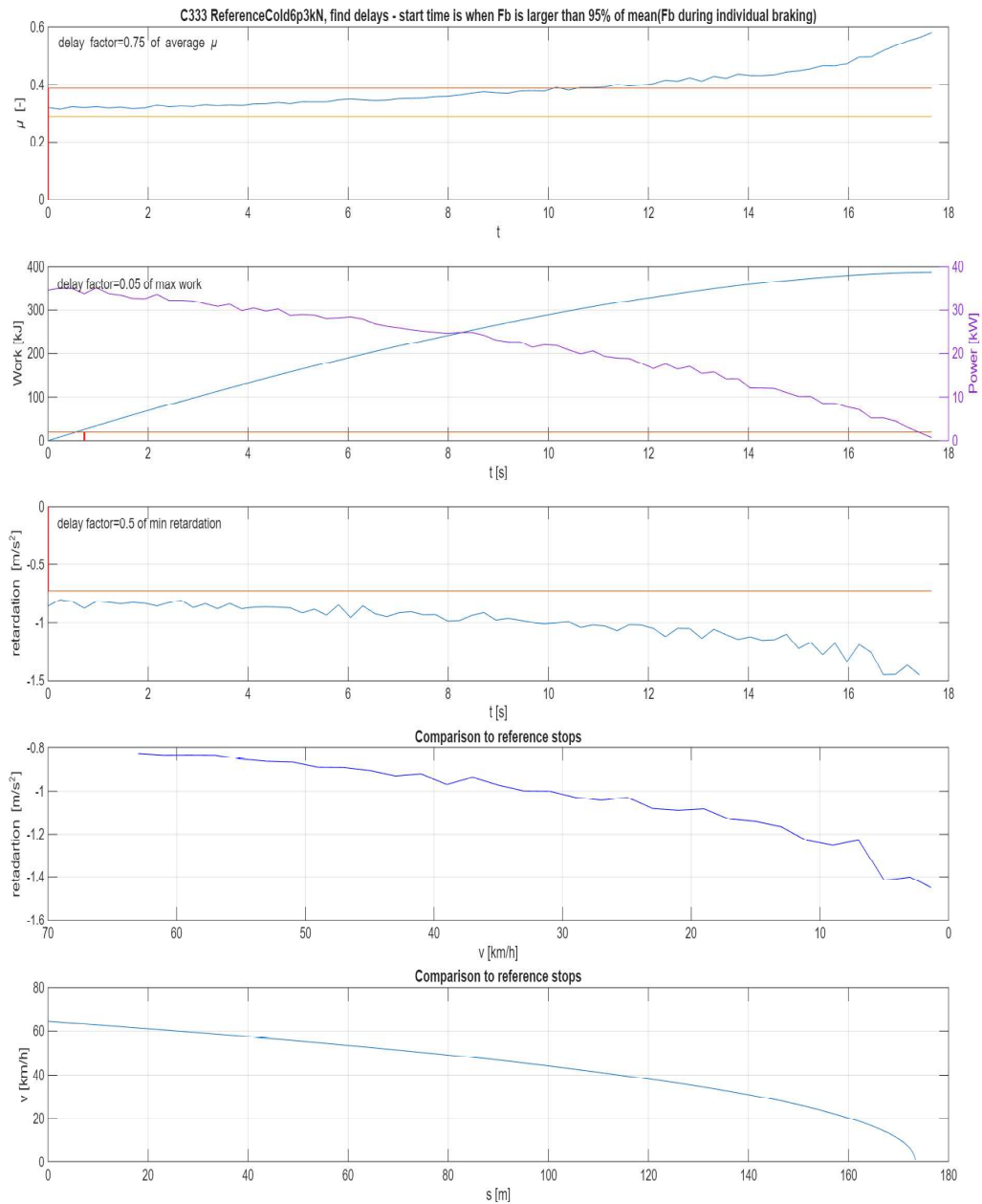


Figure 55. Calculated data and analysis for C333 Reference 6.3 kN, run 12, speed 70km/h

Results for C333 Ice 6.3 kN

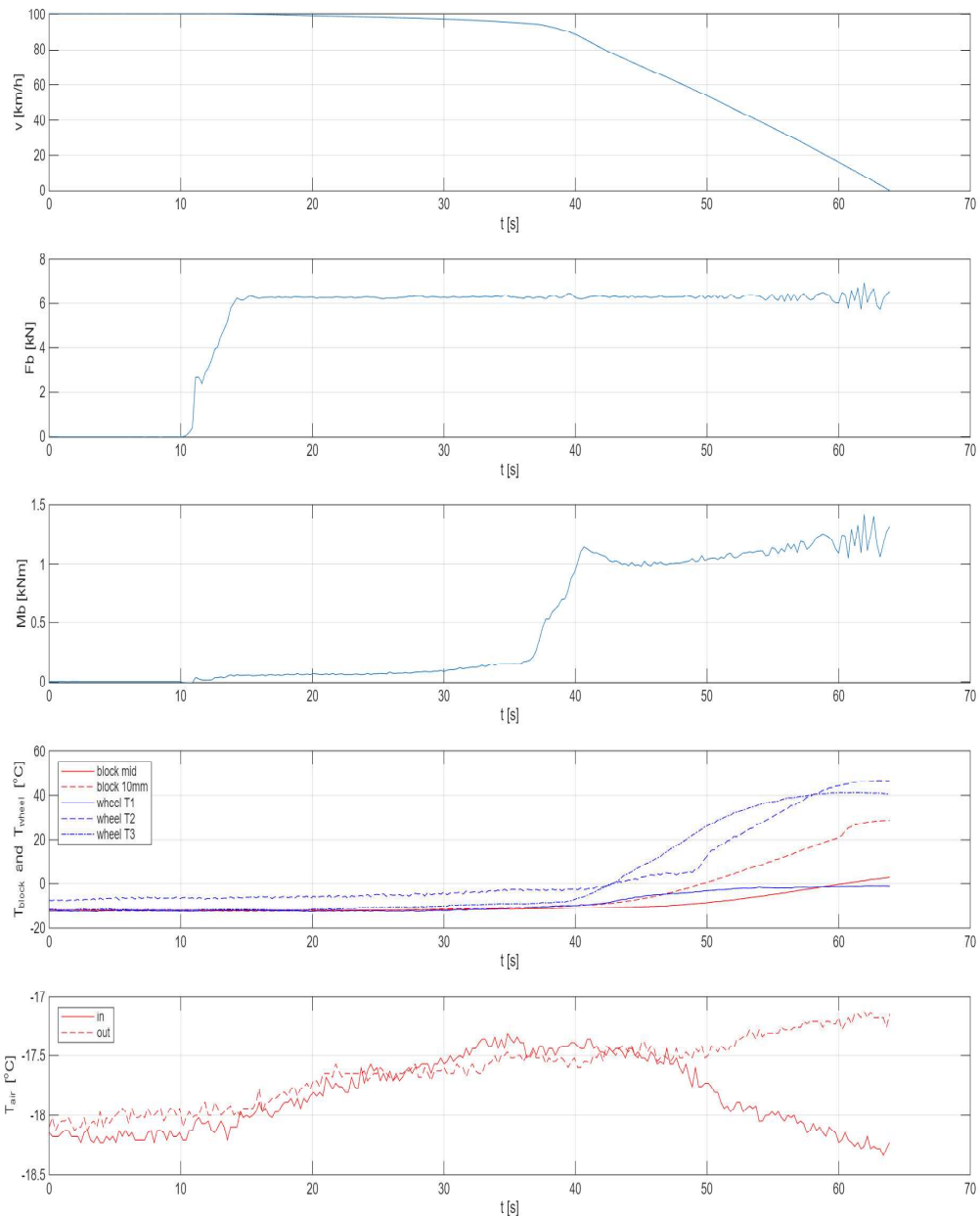


Figure 56. Measured data for C333 Ice 6.3 kN, run 1, speed 100km/h

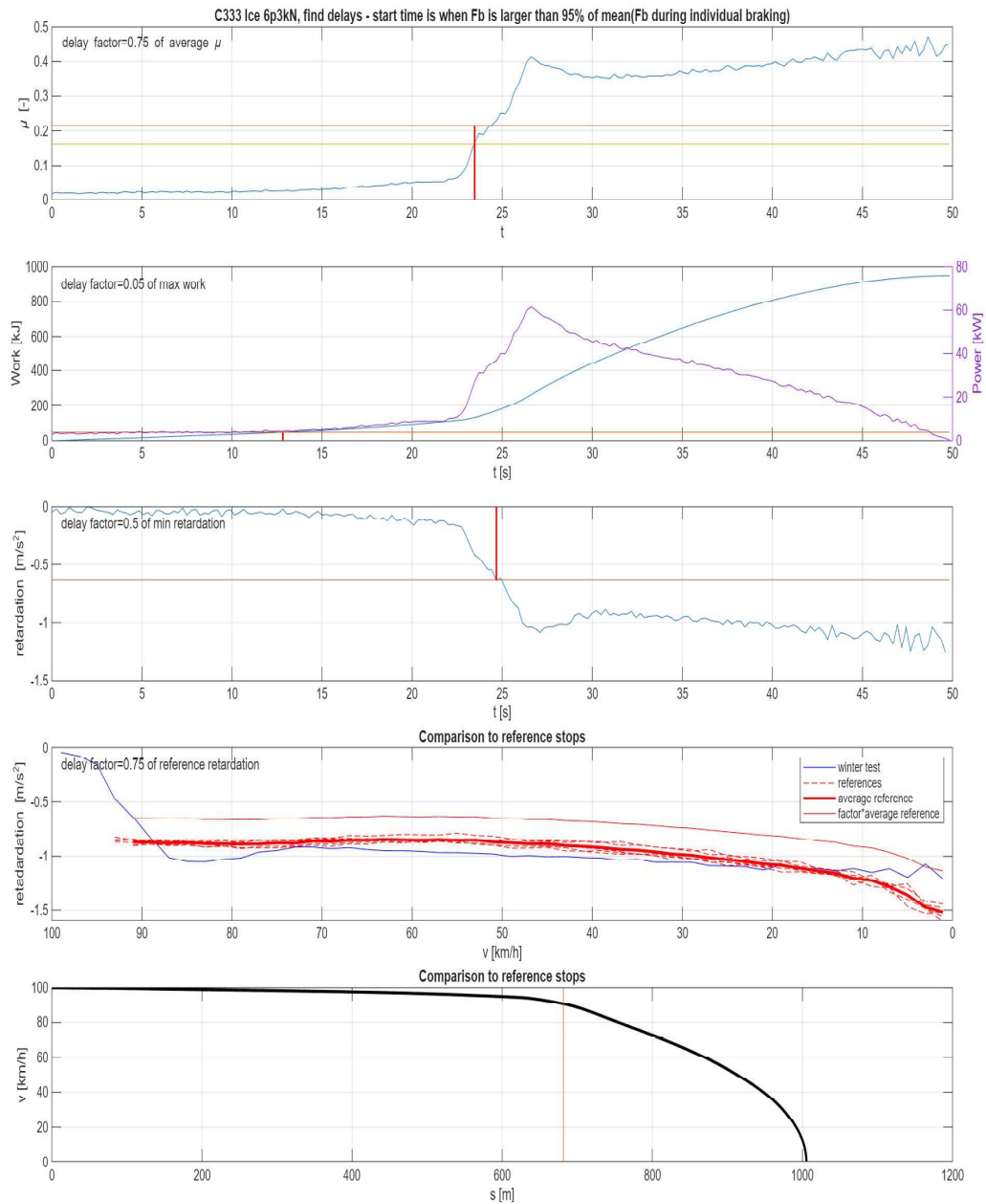


Figure 57. Calculated data and analysis for C333 Ice 6.3 kN, run 1, speed 100km/h

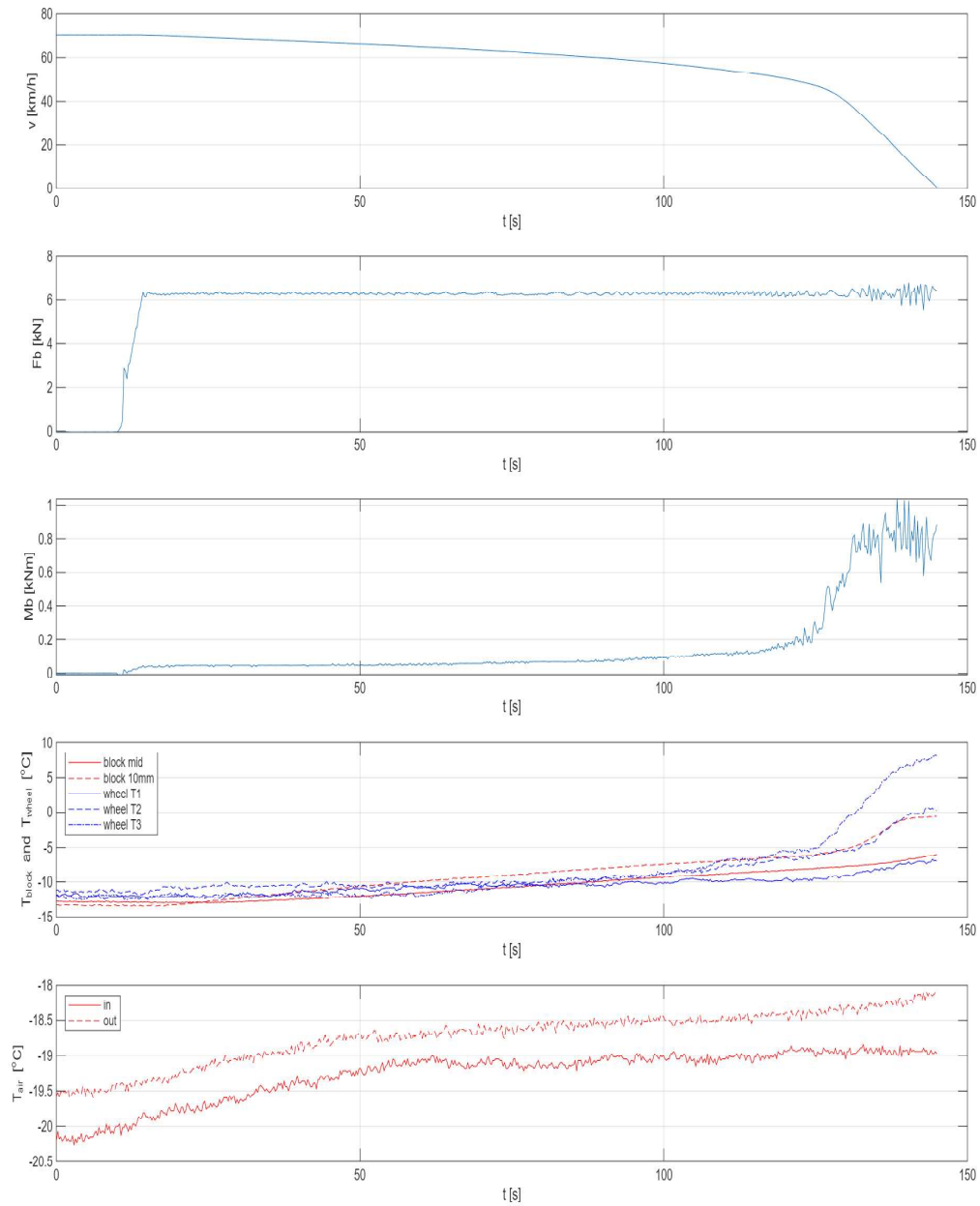


Figure 58. Measured data for C333 Ice 6.3 kN, run 2, speed 70km/h

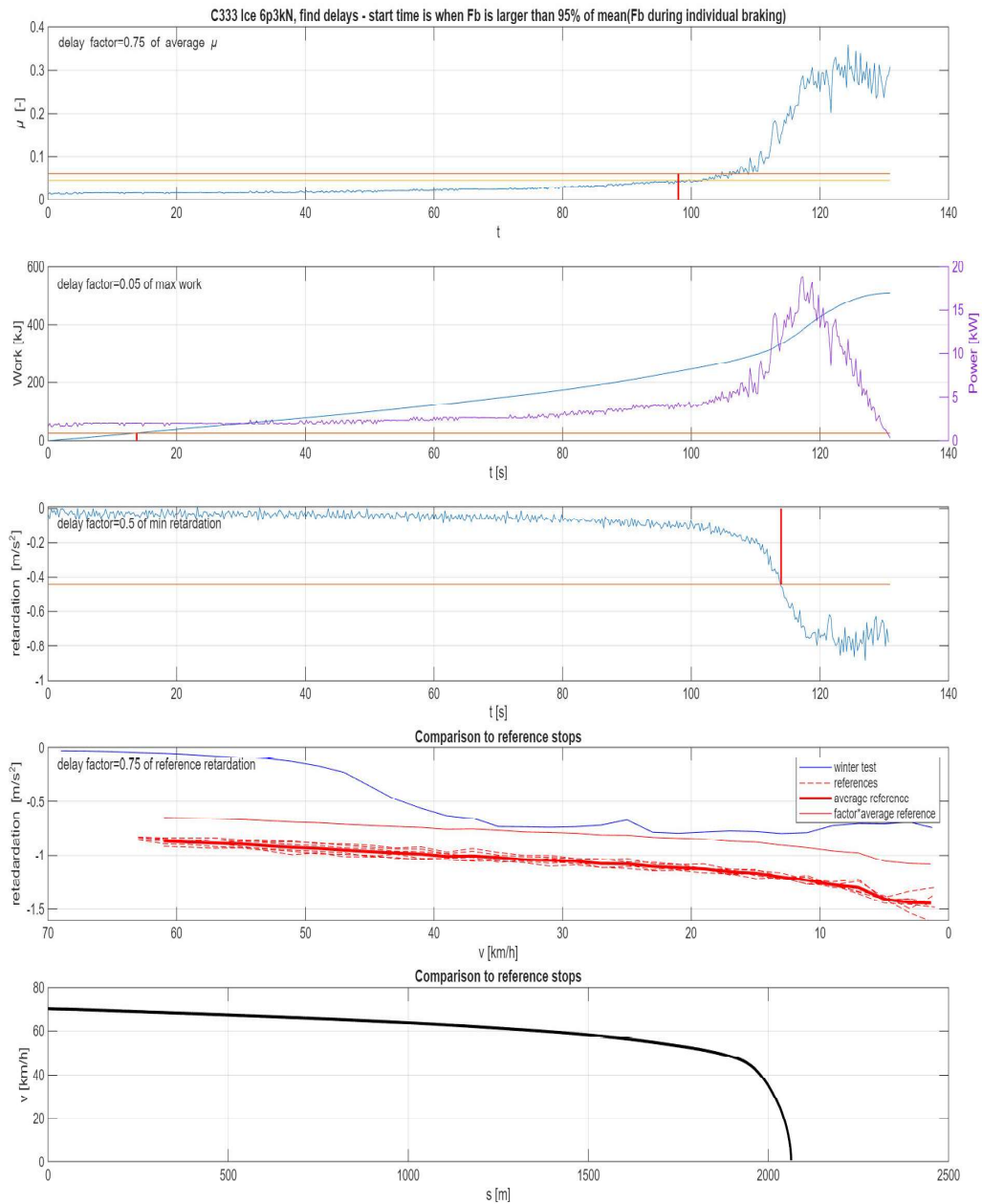


Figure 59. Calculated data and analysis for C333 Ice 6.3 kN, run 2, speed 70km/h

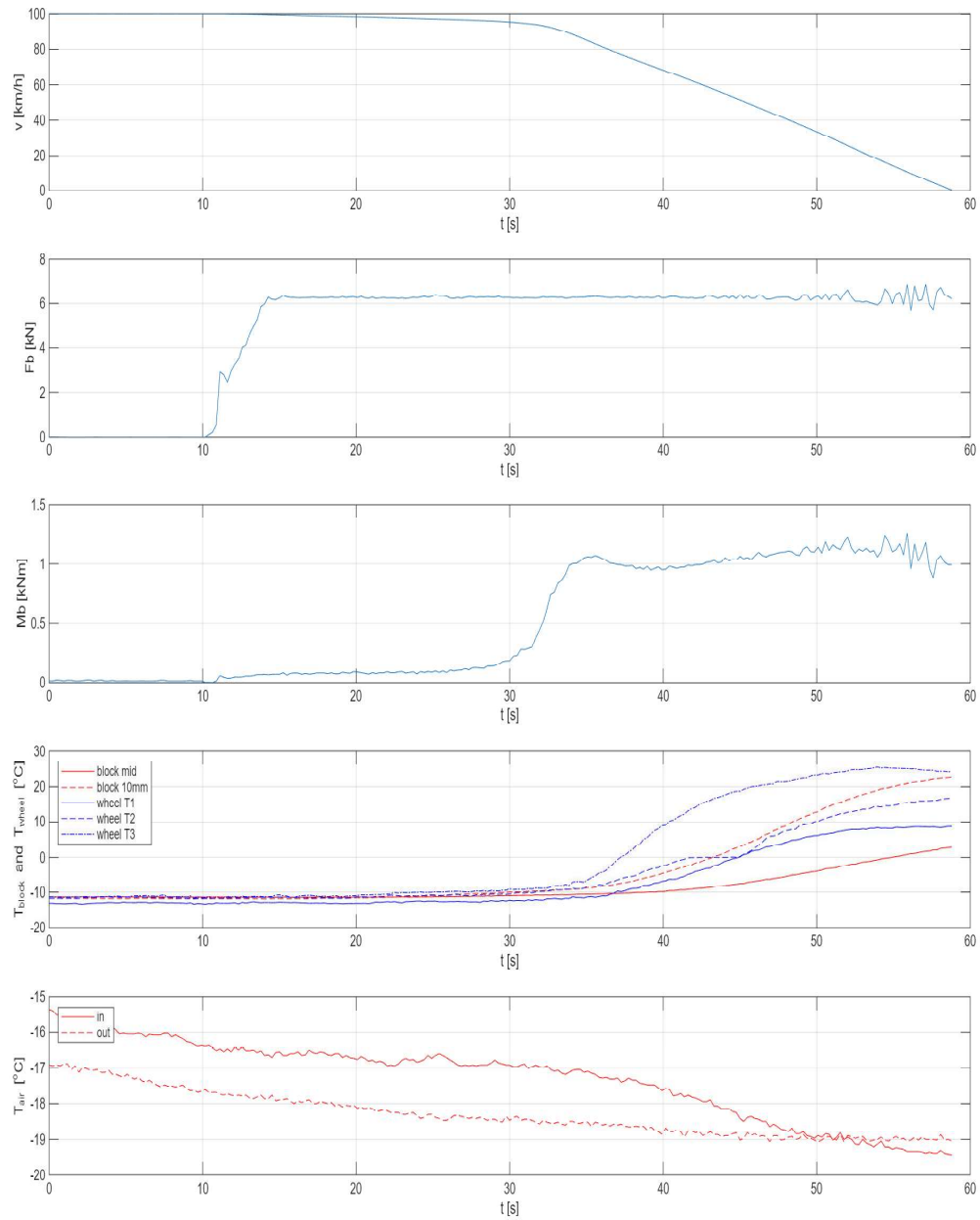


Figure 60. Measured data for C333 Ice 6.3 kN, run 3, speed 100km/h

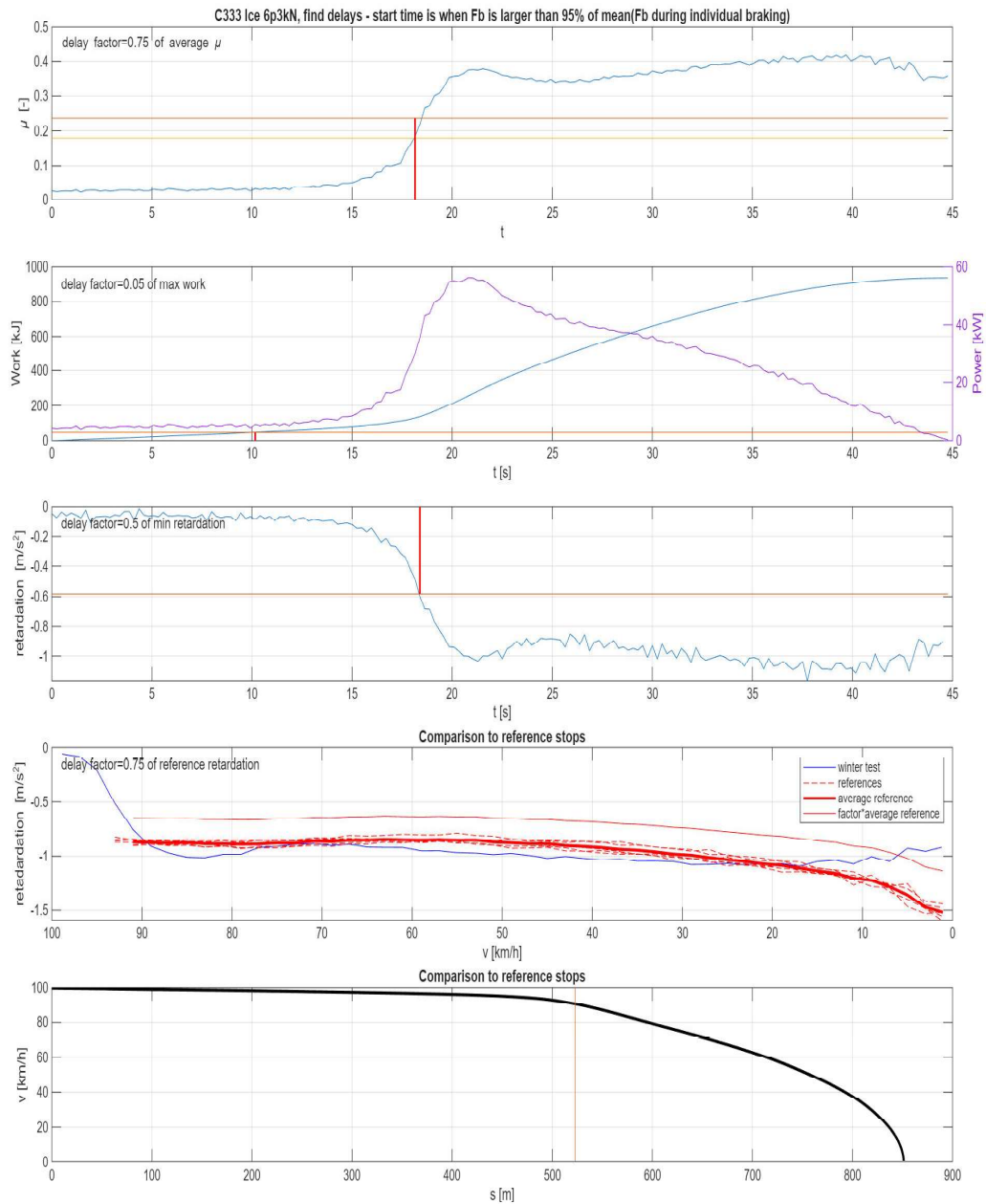


Figure 61. Calculated data and analysis for C333 Ice 6.3 kN, run 3, speed 100km/h

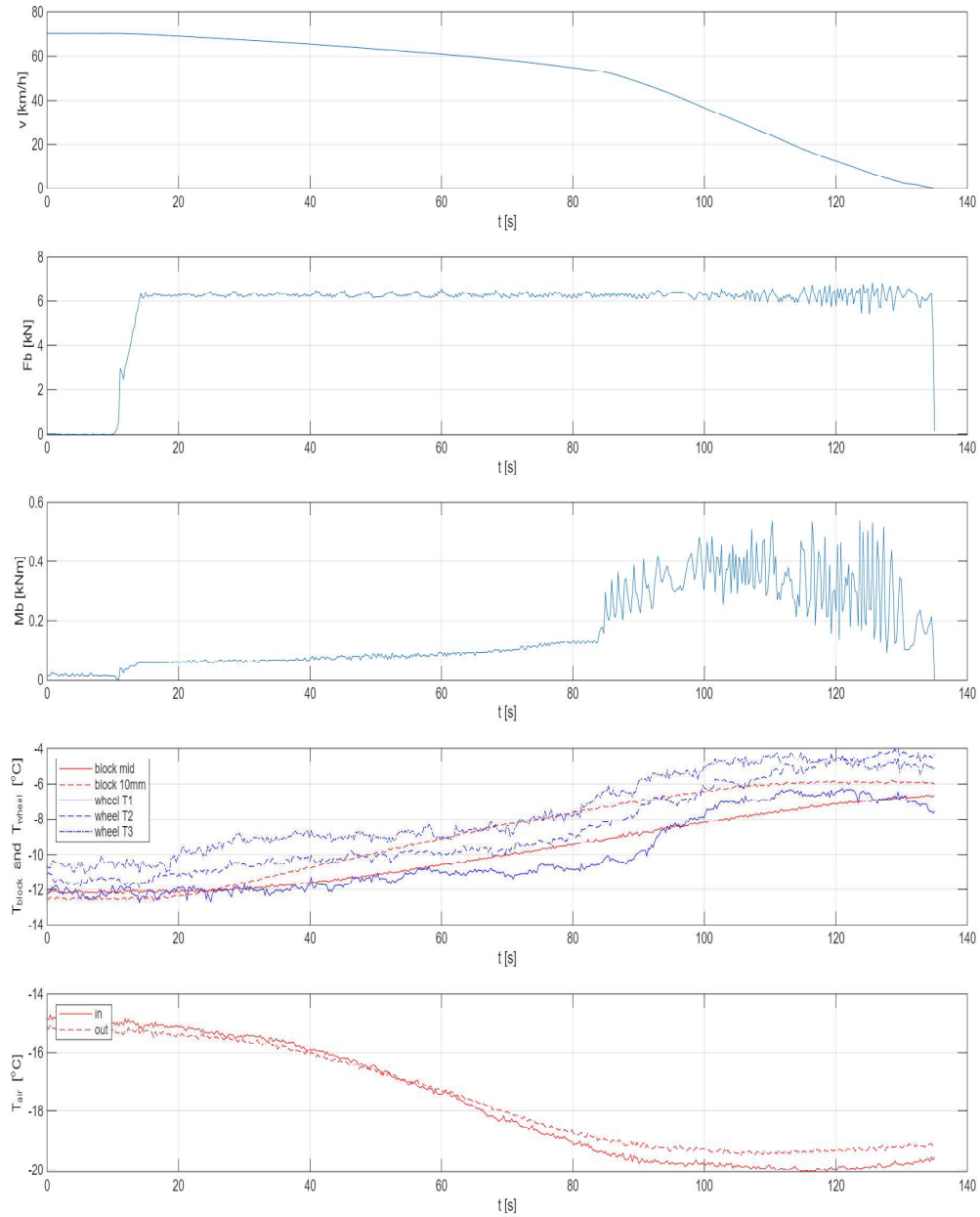


Figure 62. Measured data for C333 Ice 6.3 kN, run 4, speed 70km/h

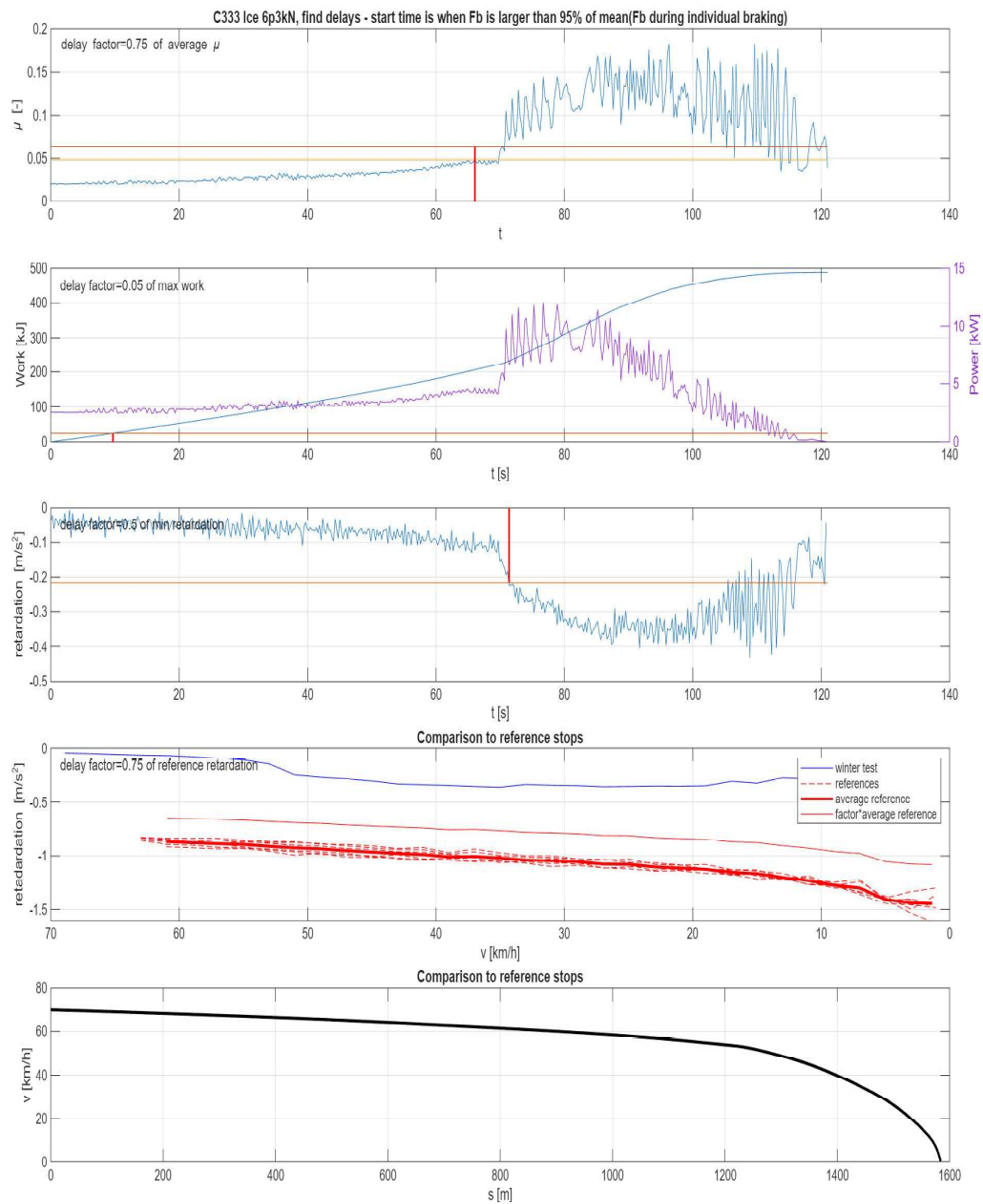


Figure 63. Calculated data and analysis for C333 Ice 6.3 kN, run 4, speed 70km/h

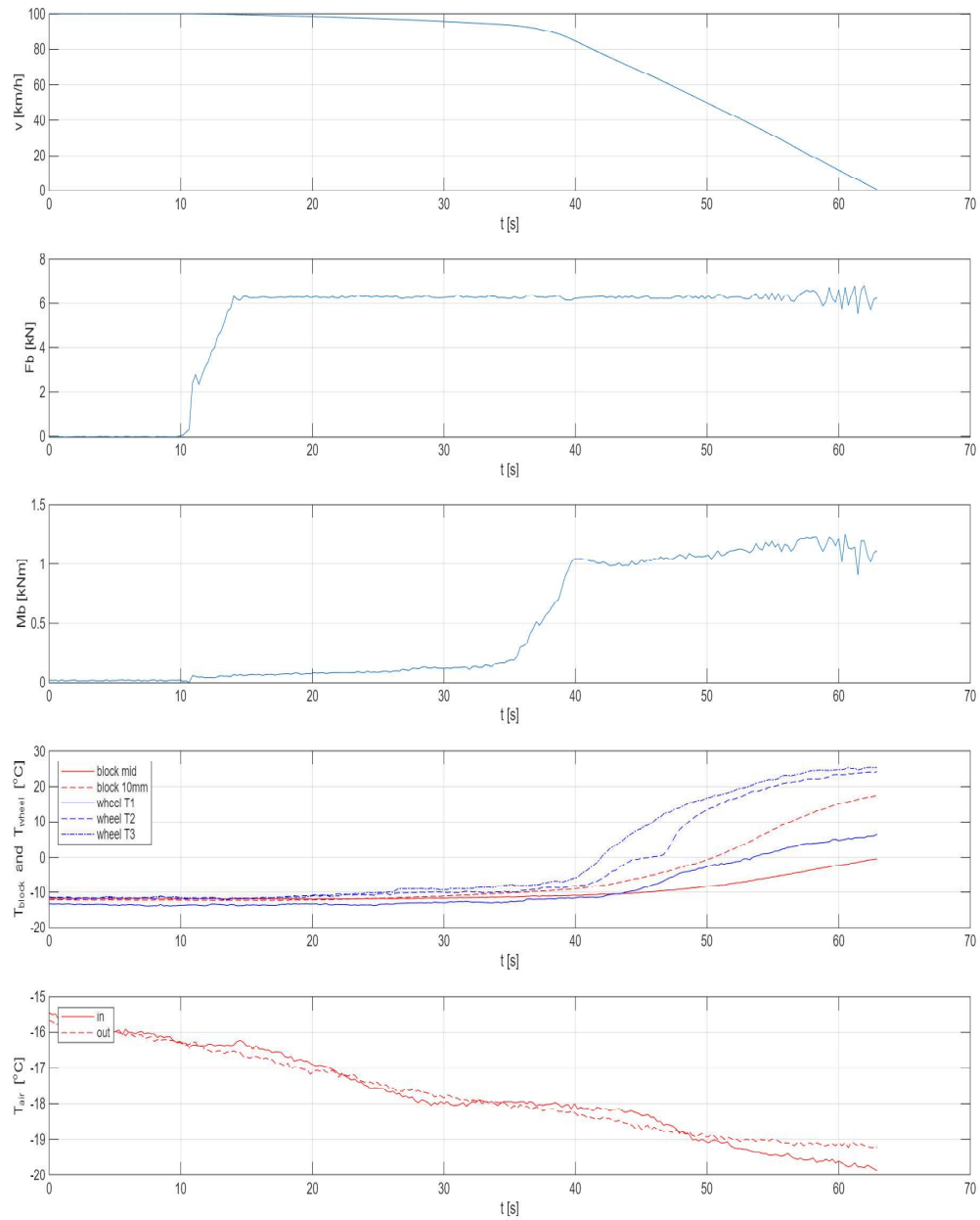


Figure 64. Measured data for C333 Ice 6.3 kN, run 5, speed 100km/h

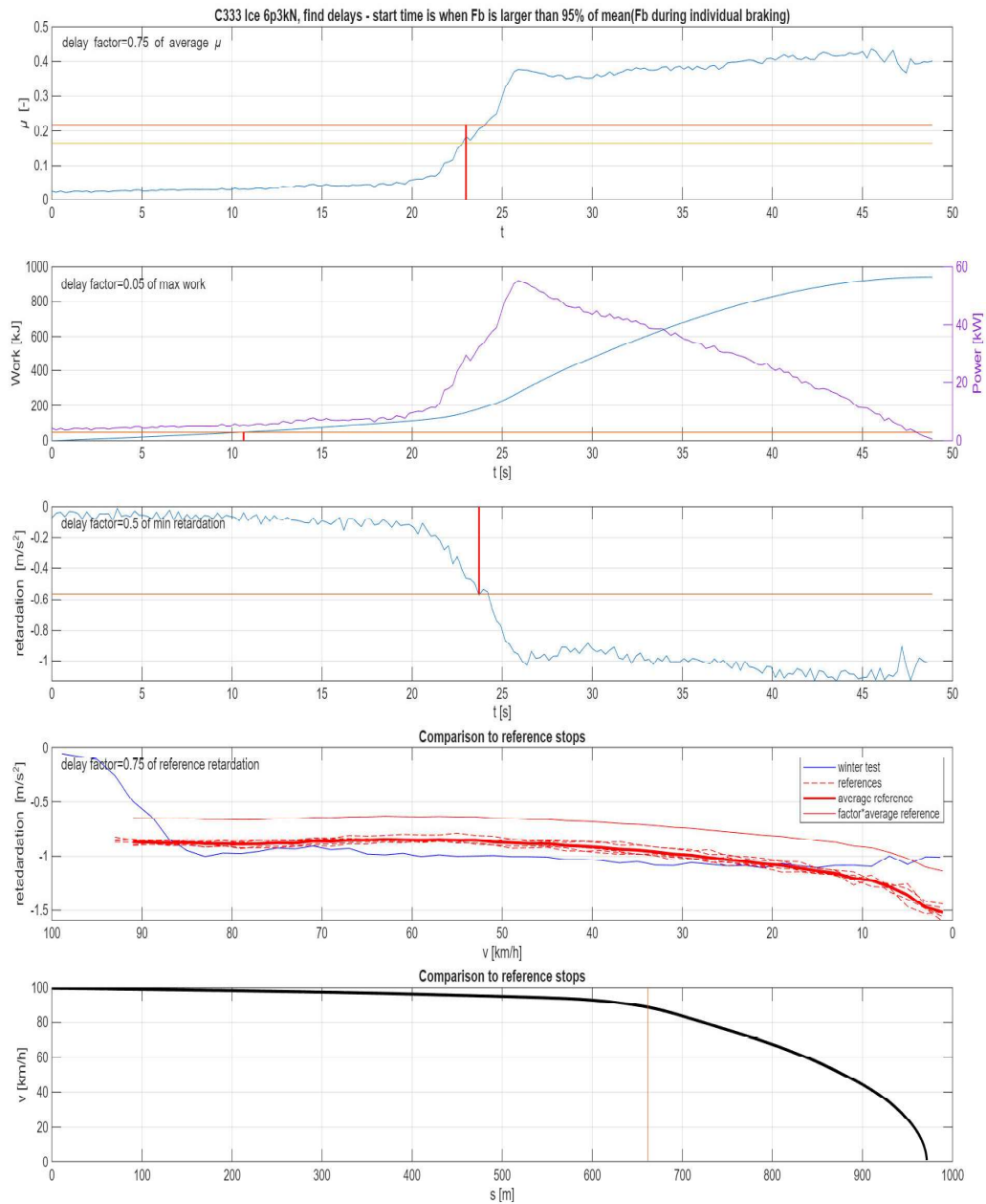


Figure 65. Calculated data and analysis for C333 Ice 6.3 kN, run 5, speed 100km/h

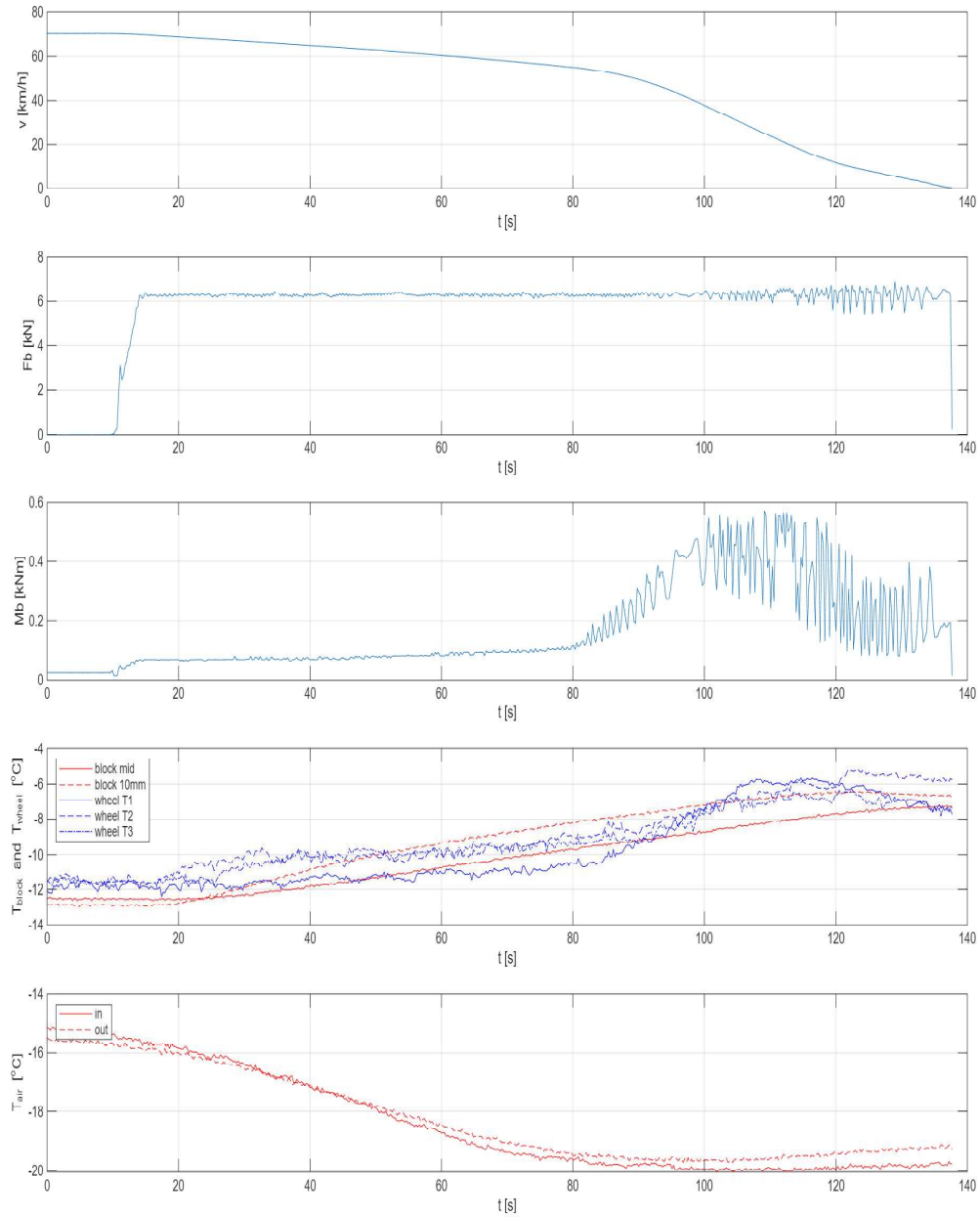


Figure 66. Measured data for C333 Ice 6.3 kN, run 6, speed 70km/h

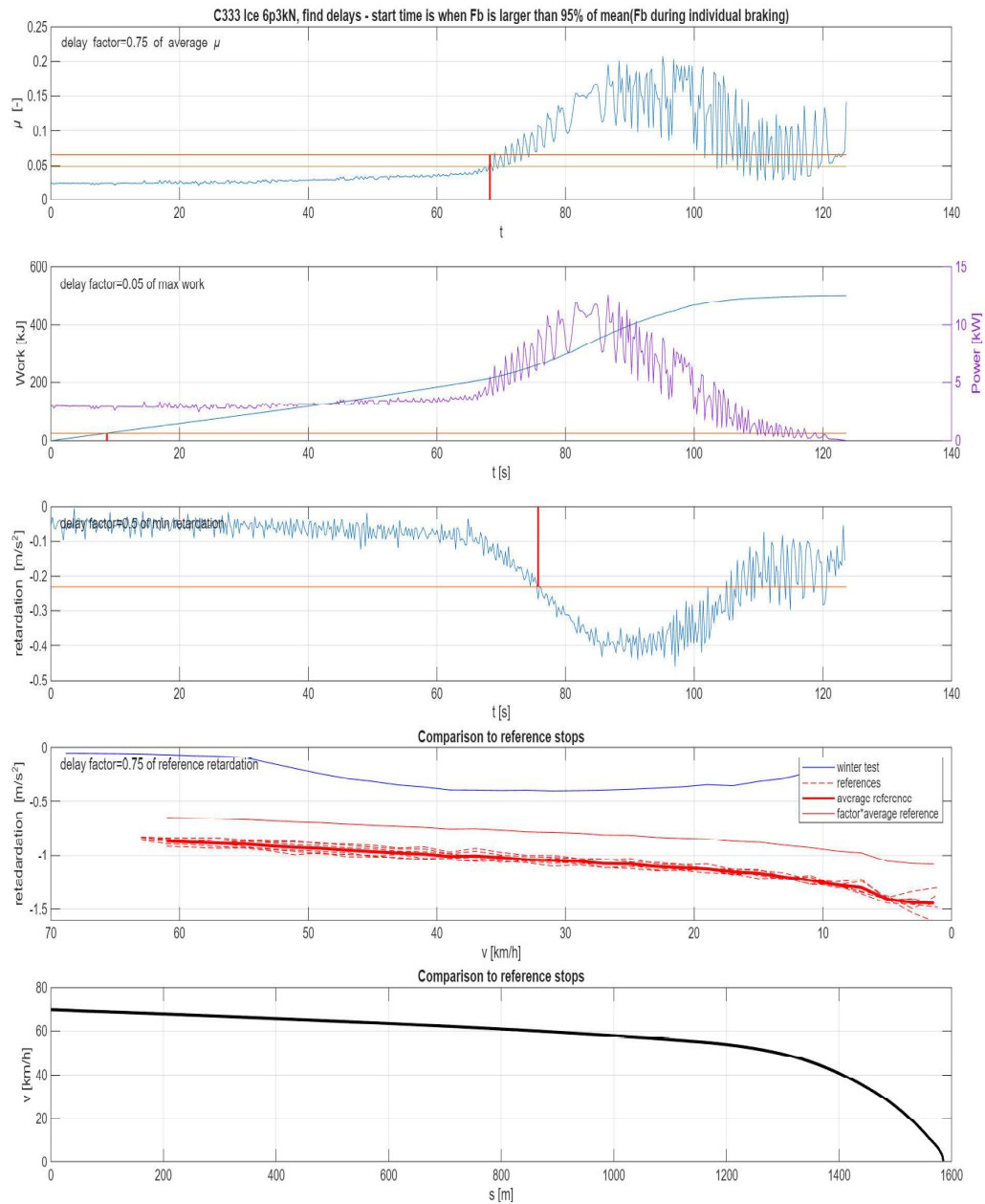


Figure 67. Calculated data and analysis for C333 Ice 6.3 kN, run 6, speed 70km/h

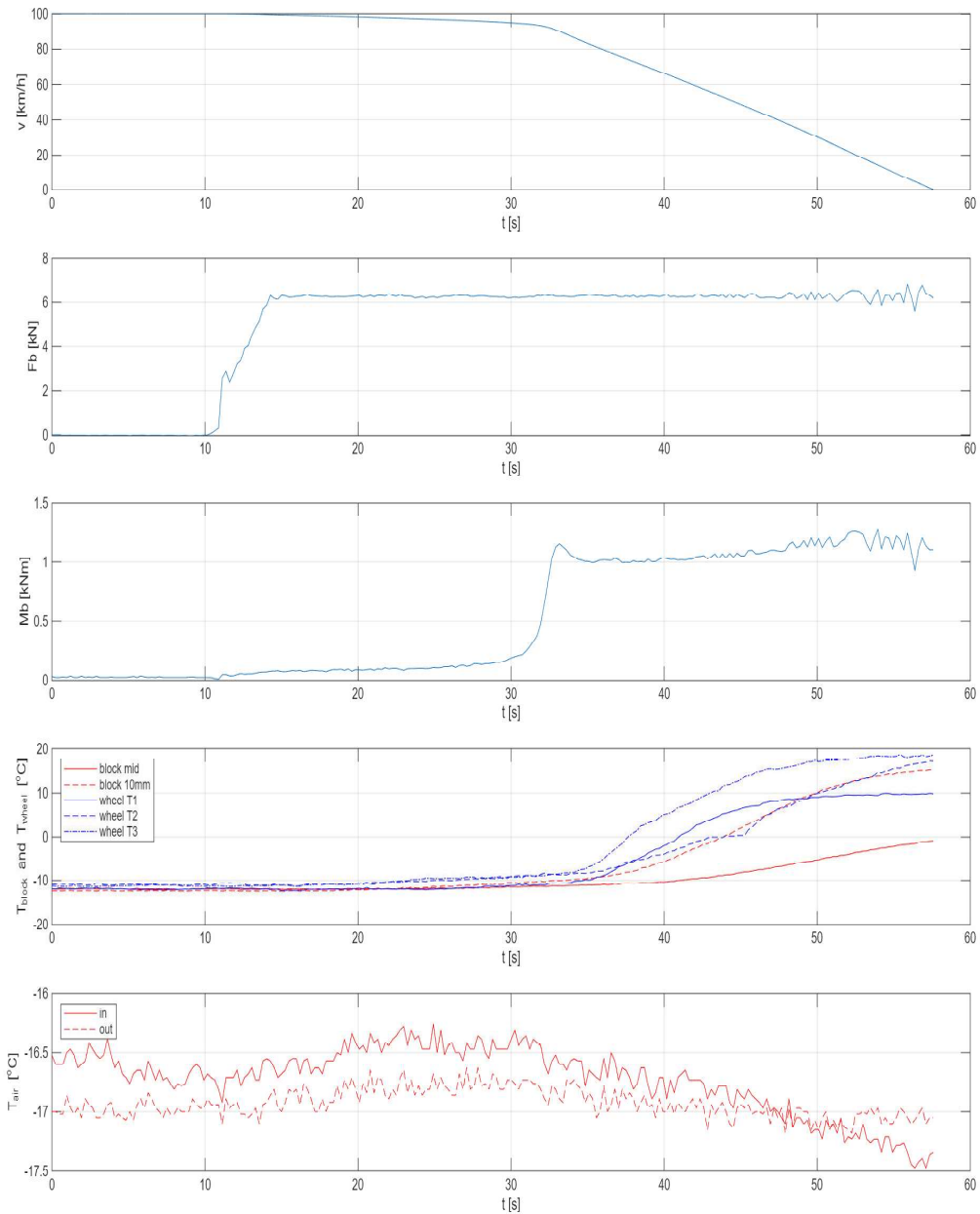


Figure 68. Measured data for C333 Ice 6.3 kN, run 7, speed 100km/h

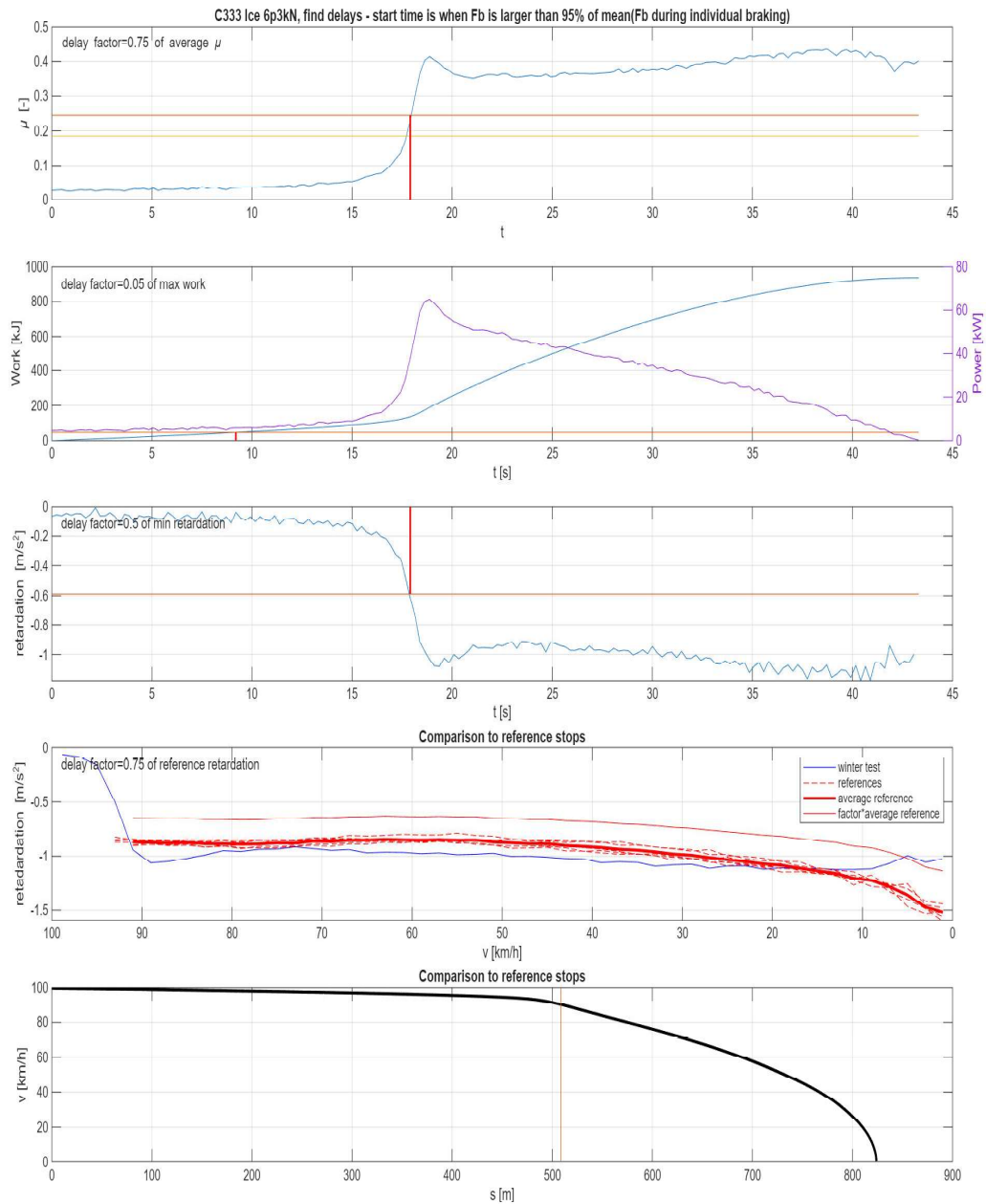


Figure 69. Calculated data and analysis for C333 Ice 6.3 kN, run 7, speed 100km/h

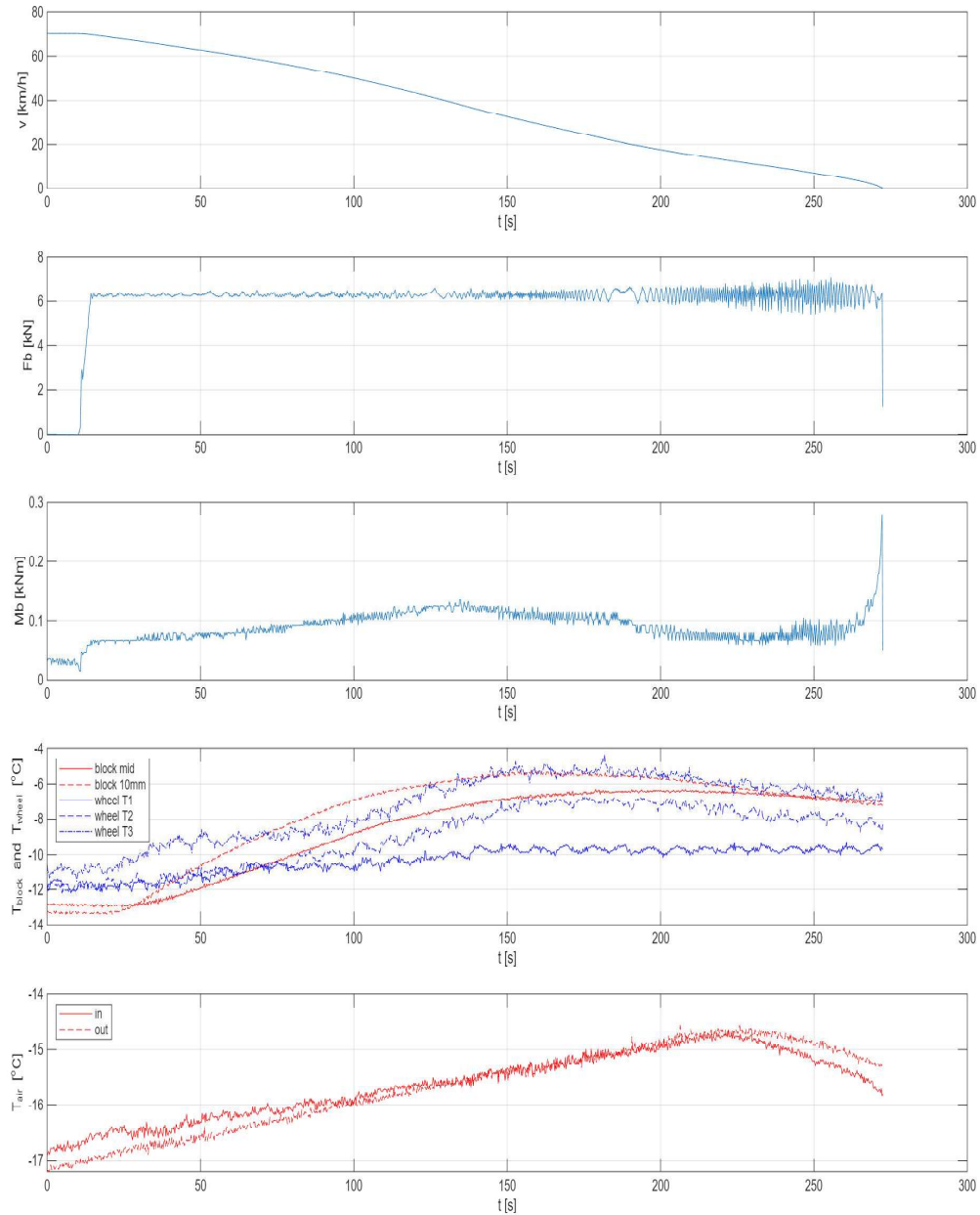


Figure 70. Measured data for C333 Ice 6.3 kN, run 8, speed 70km/h

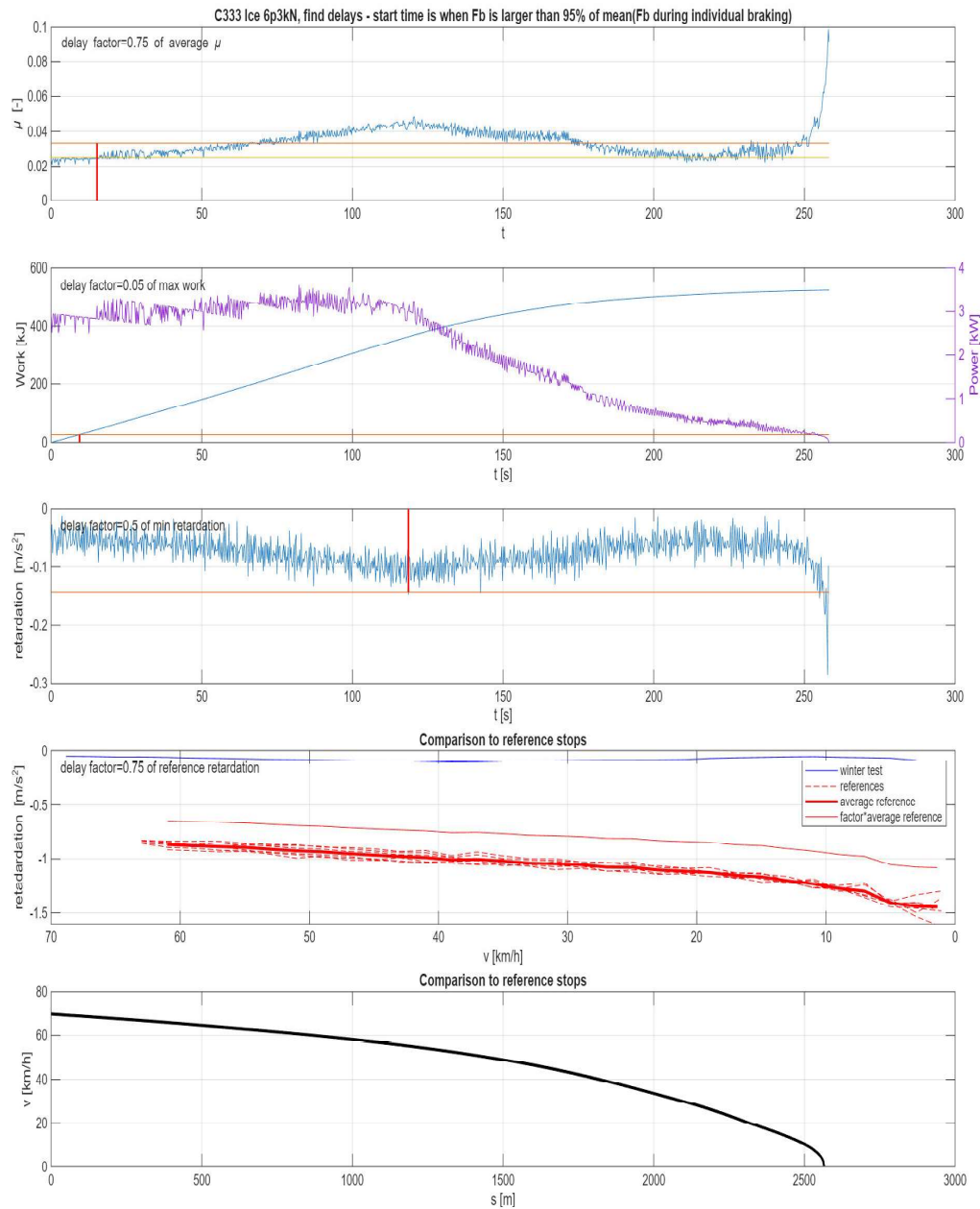


Figure 71. Calculated data and analysis for C333 Ice 6.3 kN, run 8, speed 70km/h

Results for C333 Snow 6.3kN

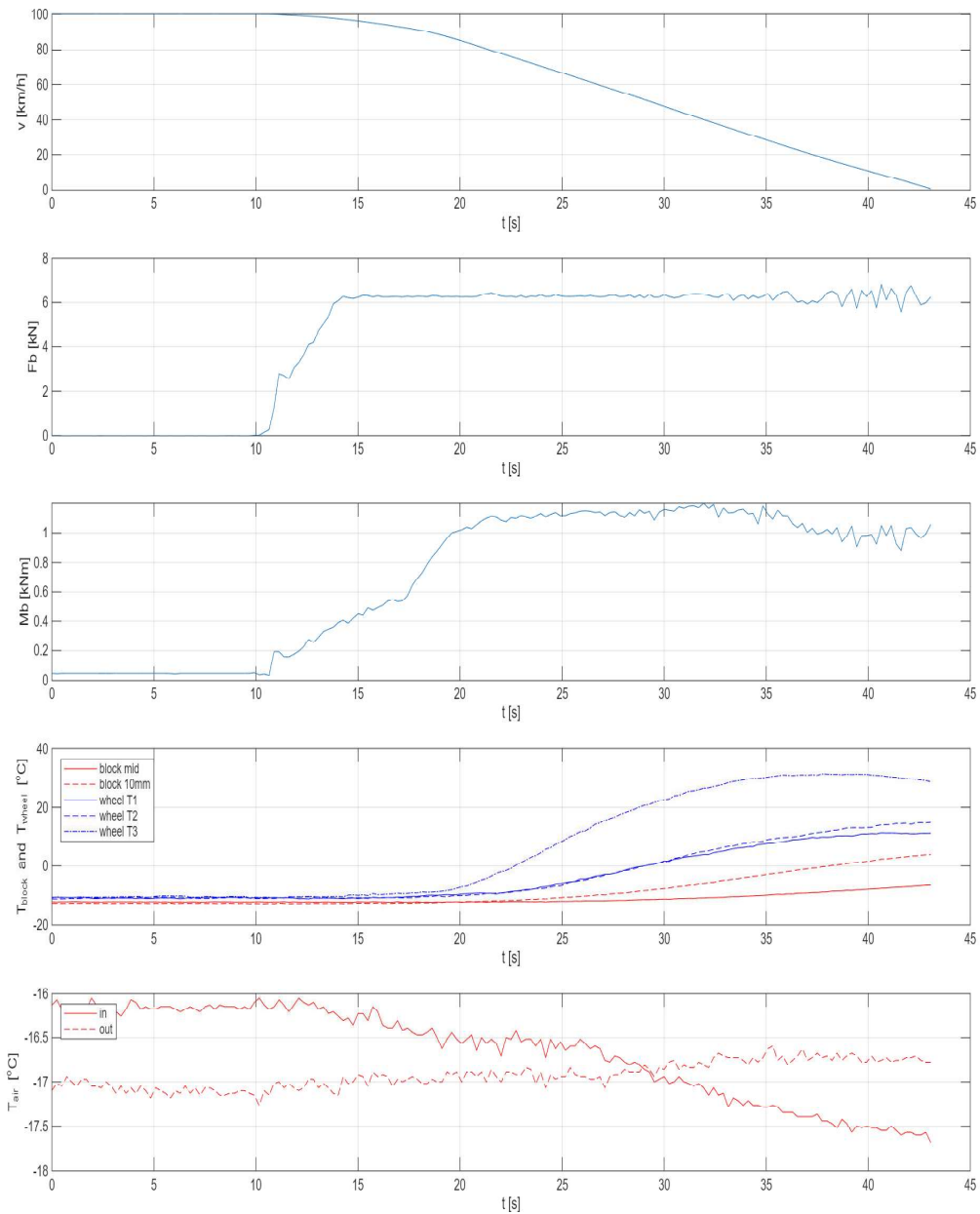


Figure 72. Measured data for C333 Snow 6.3kN, run 1, speed 100km/h

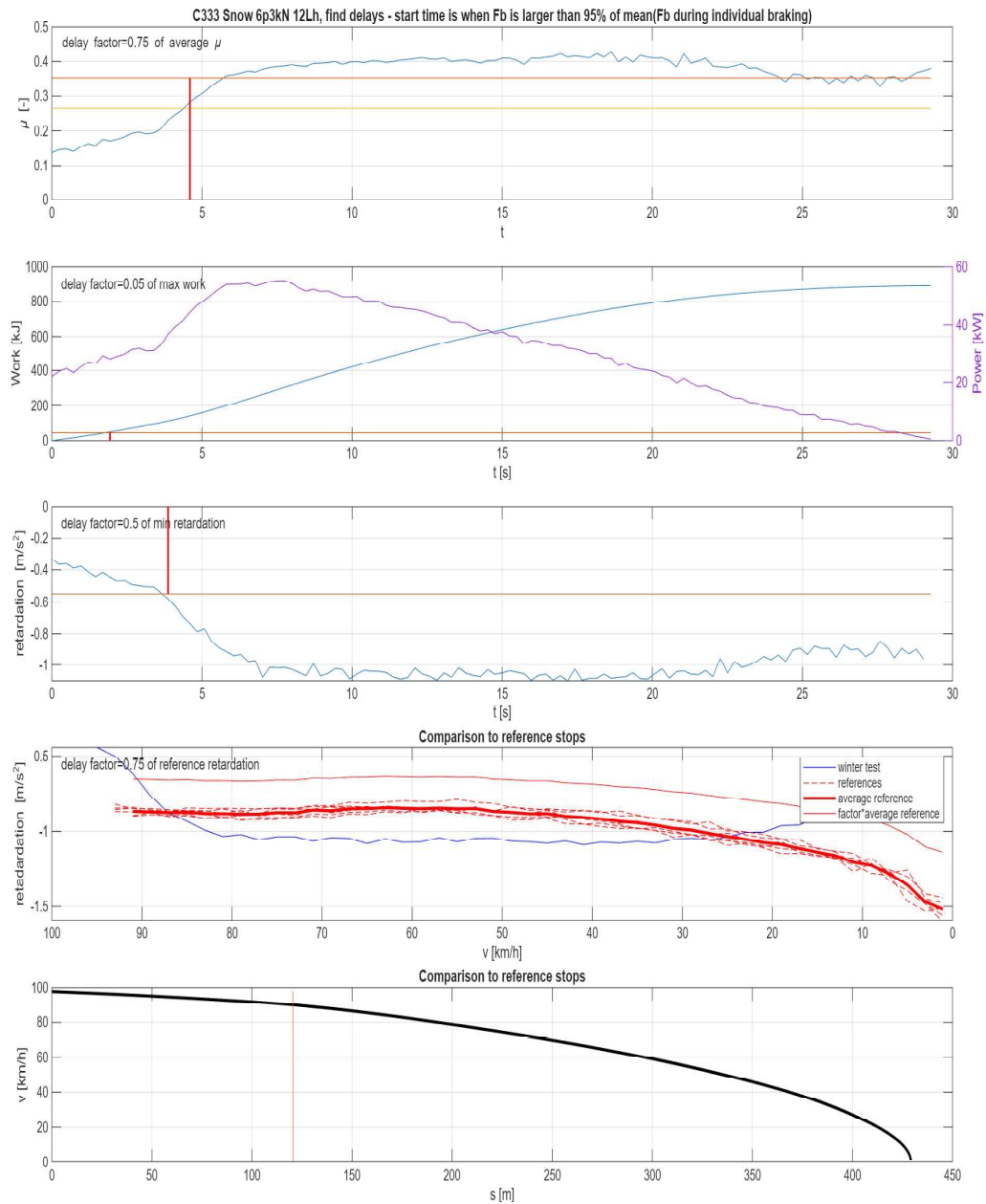


Figure 73. Calculated data and analysis for C333 Snow 6.3kN, run 1, speed 100km/h

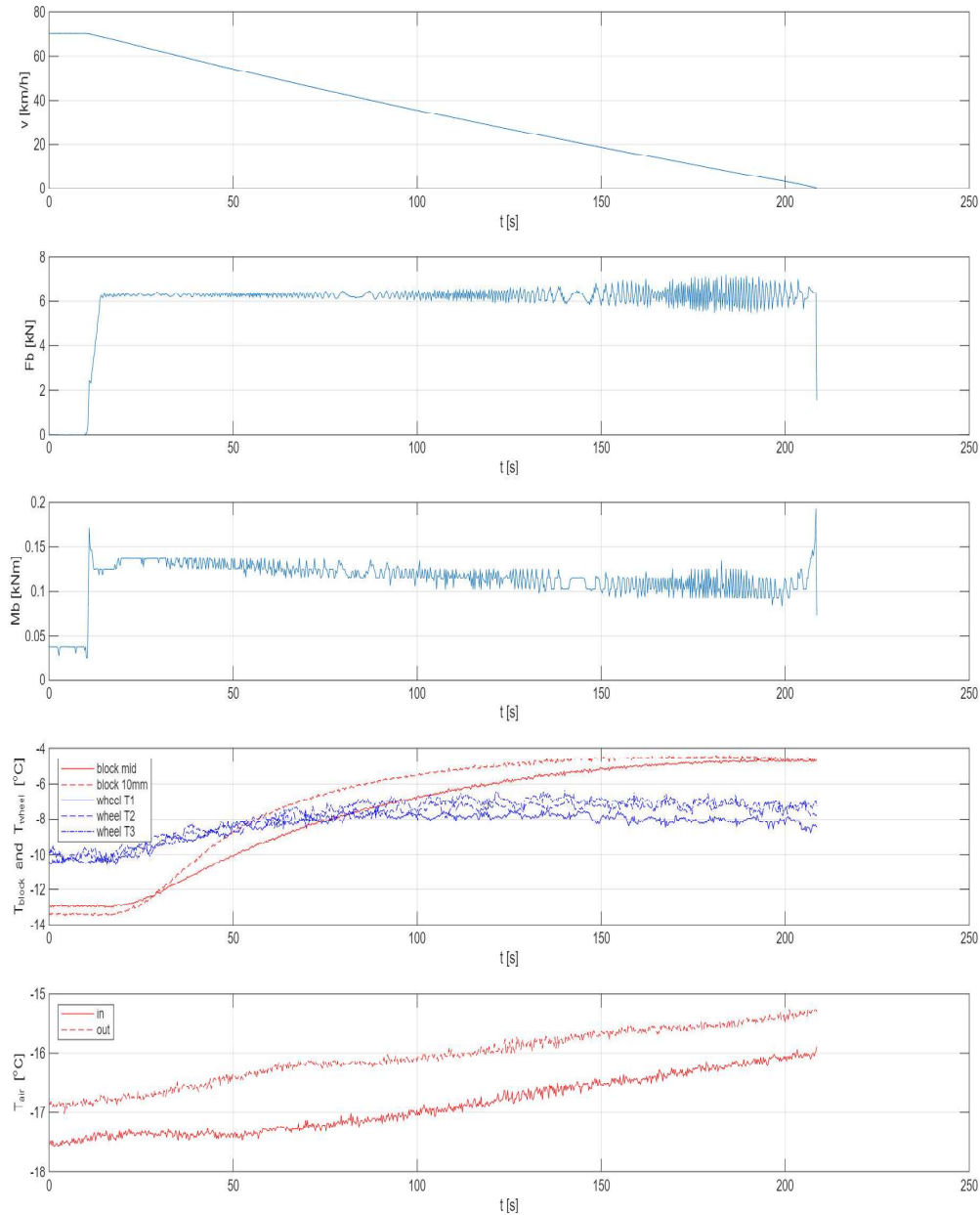


Figure 74. Measured data for C333 Snow 6.3kN, run 2, speed 70km/h

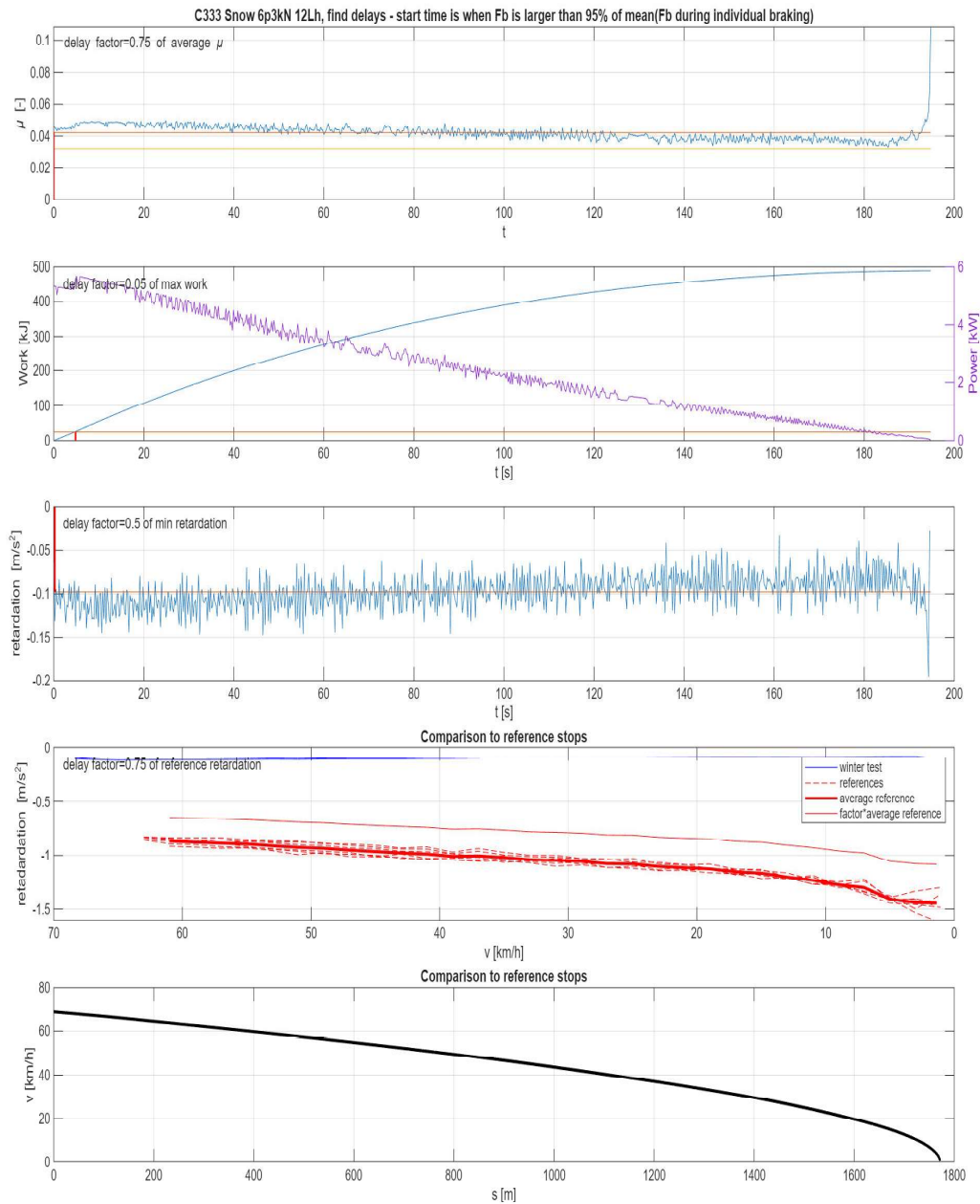


Figure 75. Calculated data and analysis for C333 Snow 6.3kN, run 2, speed 70km/h

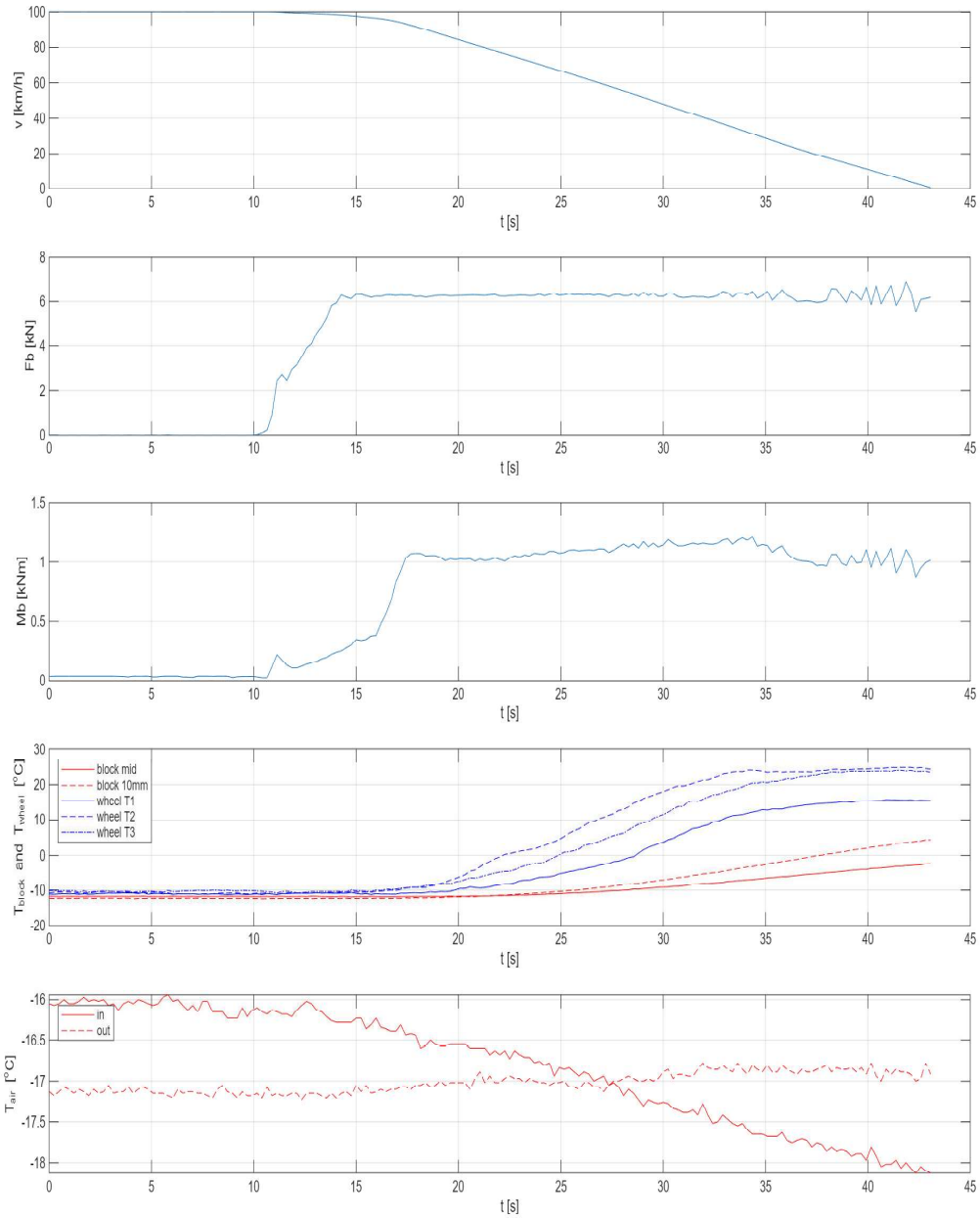


Figure 76. Measured data for C333 Snow 6.3kN, run 3, speed 100km/h

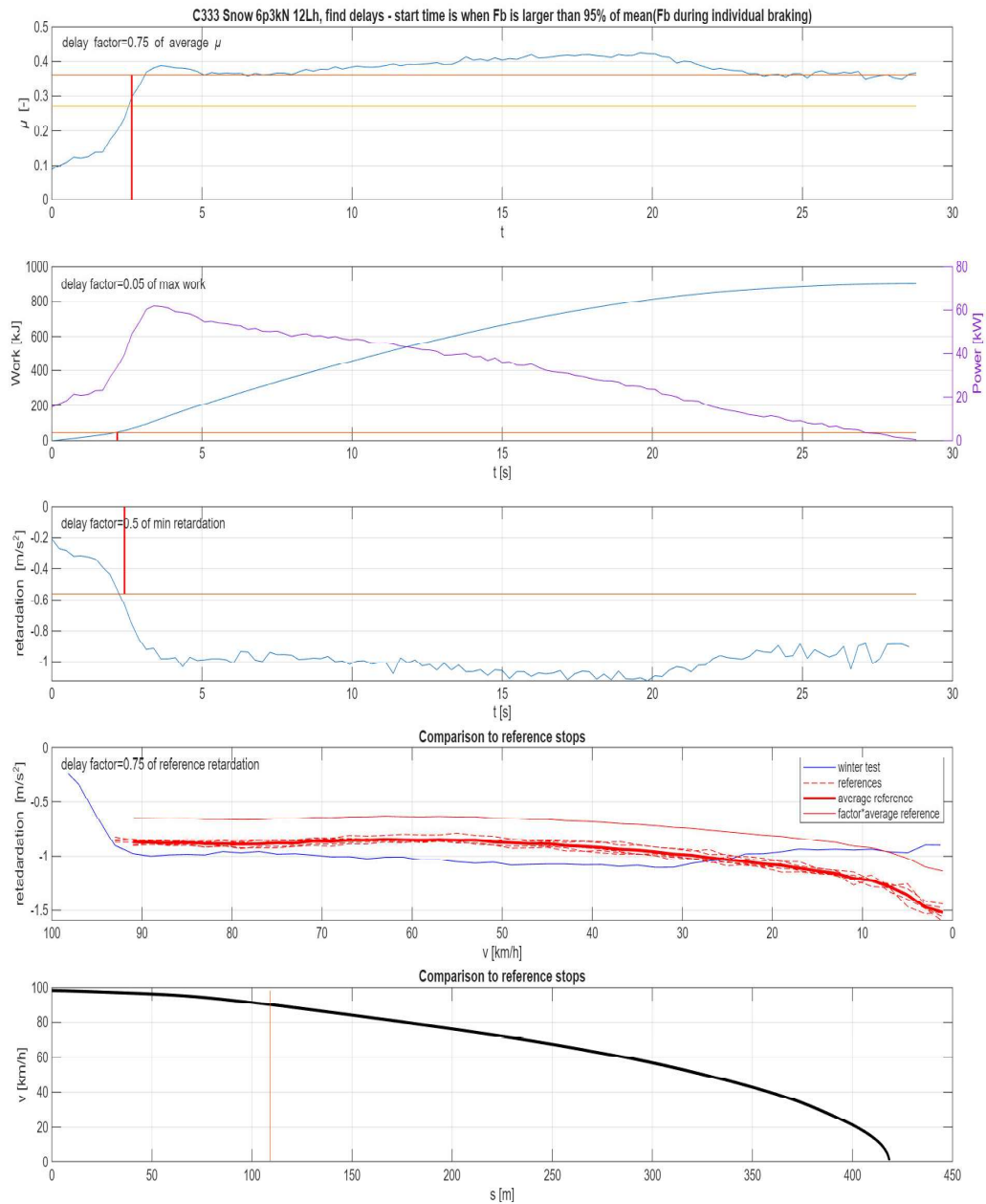


Figure 77. Calculated data and analysis for C333 Snow 6.3kN, run 3, speed 100km/h

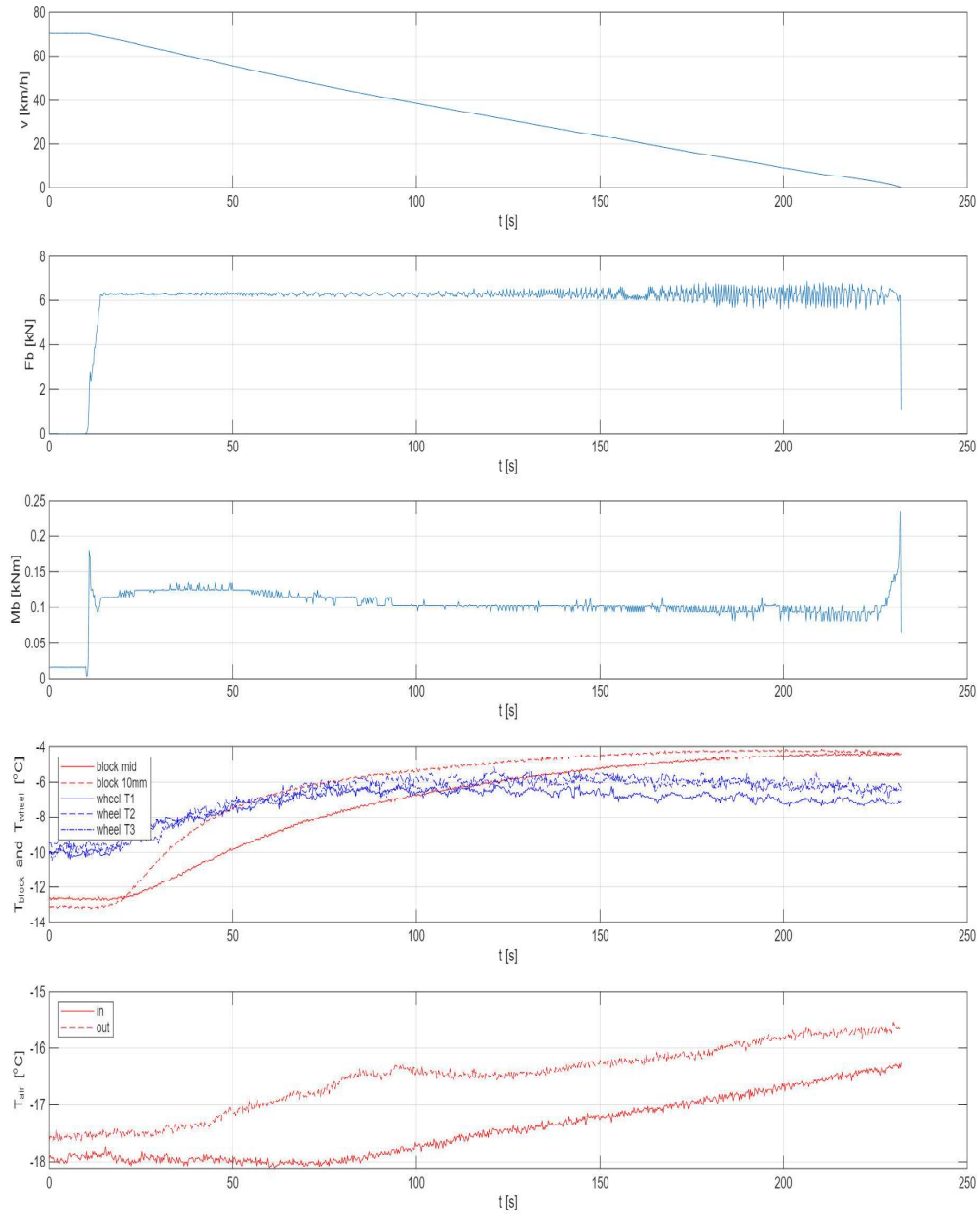


Figure 78. Measured data for C333 Snow 6.3kN, run 4, speed 70km/h

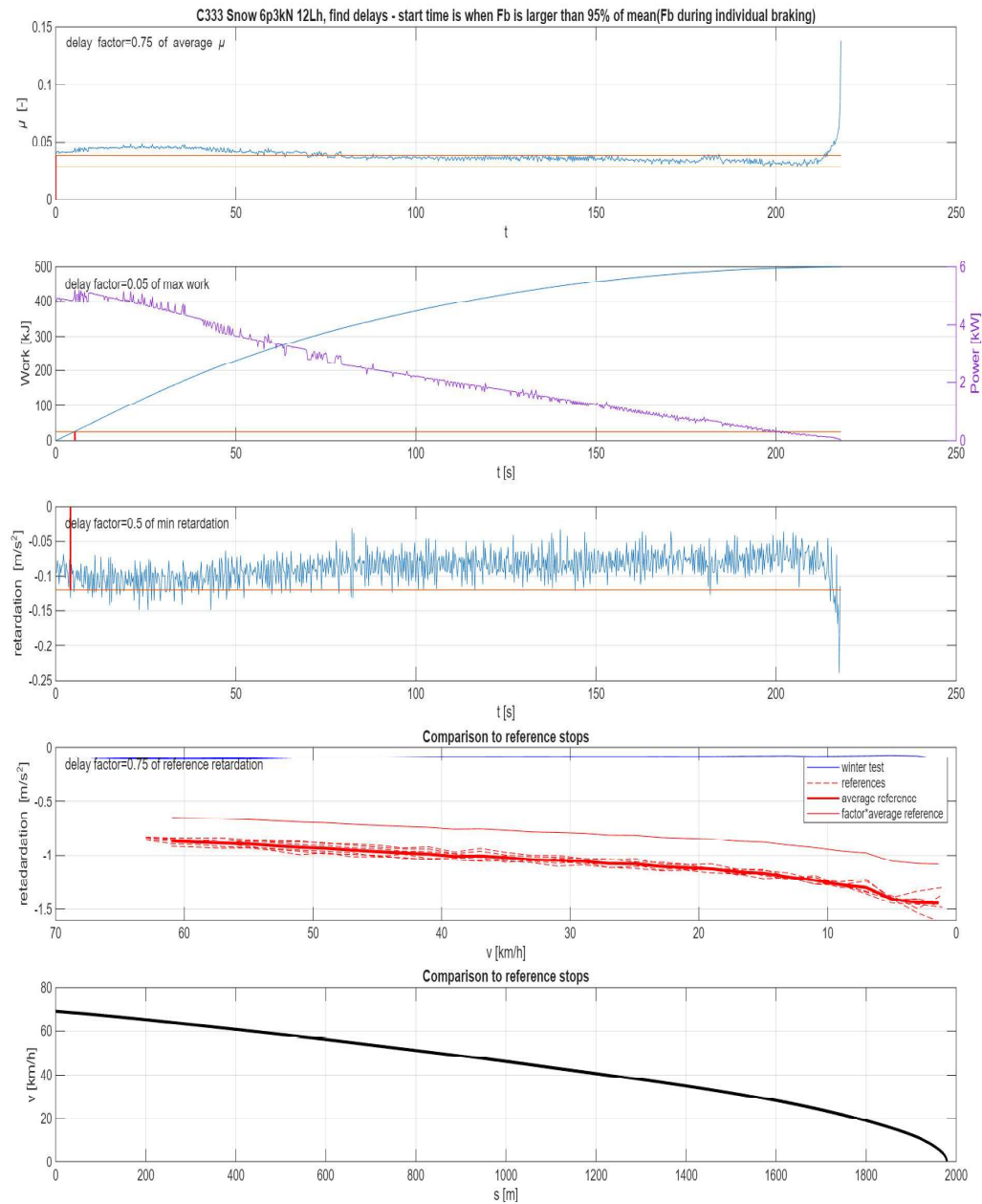


Figure 79. Calculated data and analysis for C333 Snow 6.3kN, run 4, speed 70km/h

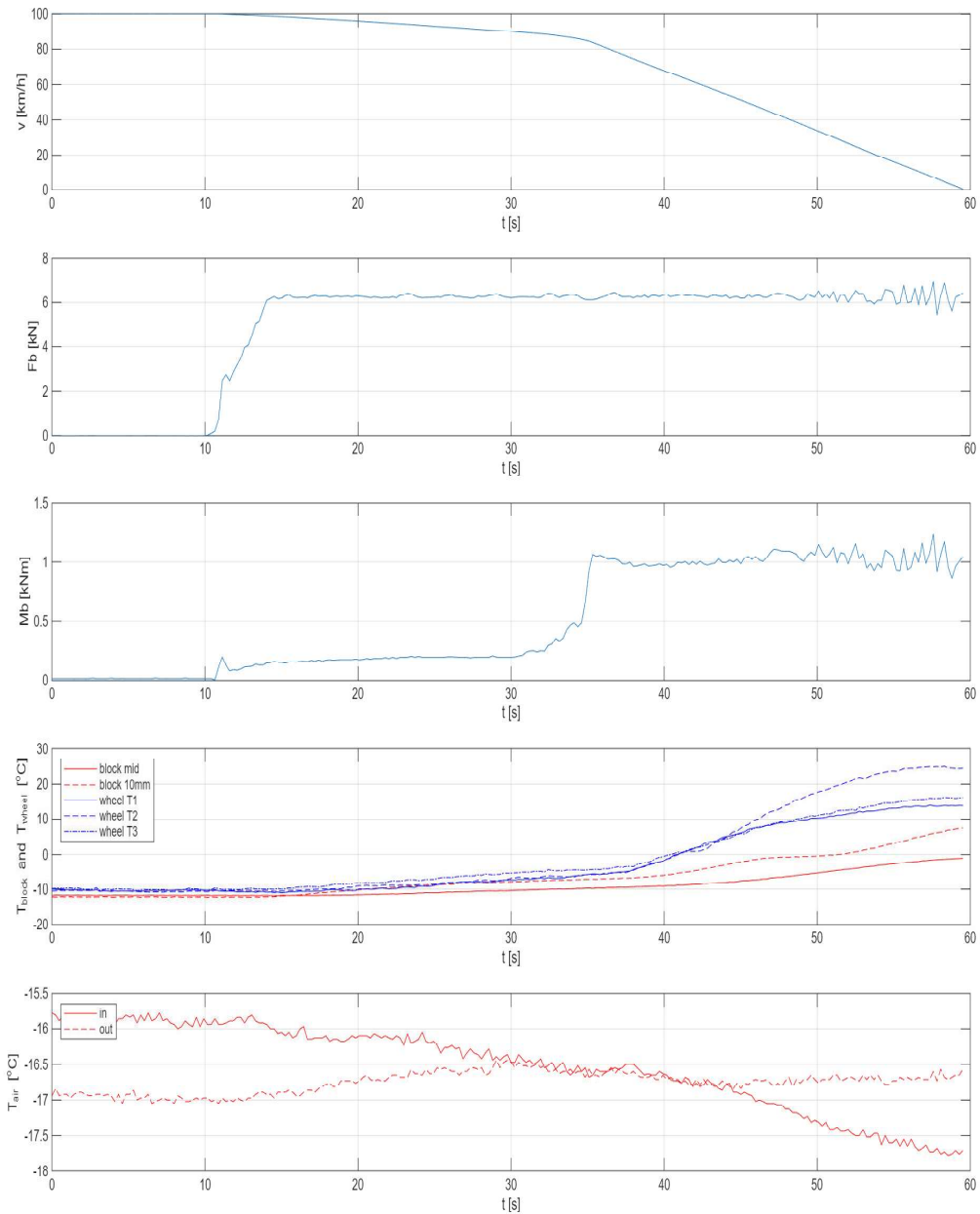


Figure 80. Measured data for C333 Snow 6.3kN, run 5, speed 100km/h

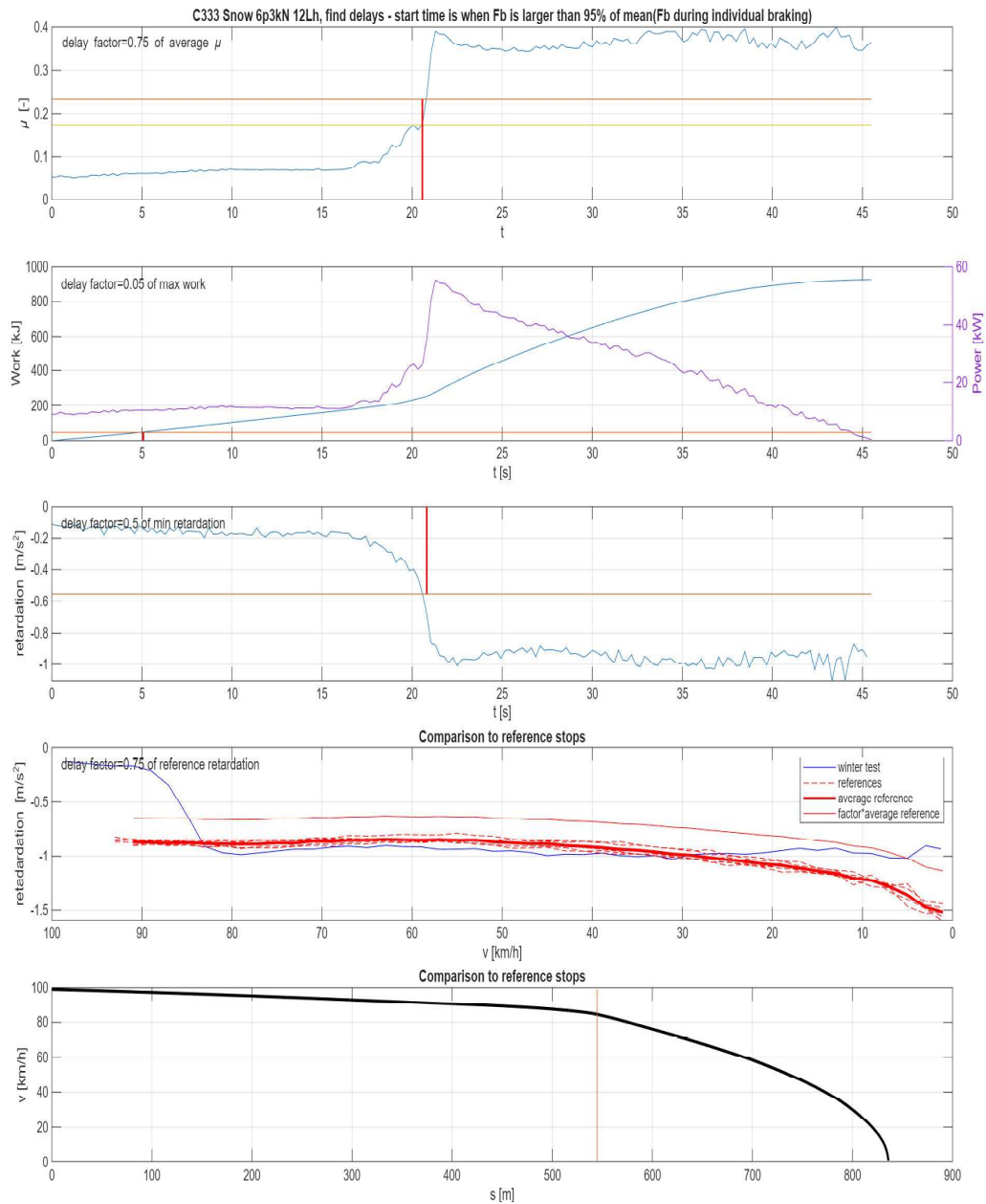


Figure 81. Calculated data and analysis for C333 Snow 6.3kN, run 5, speed 100km/h

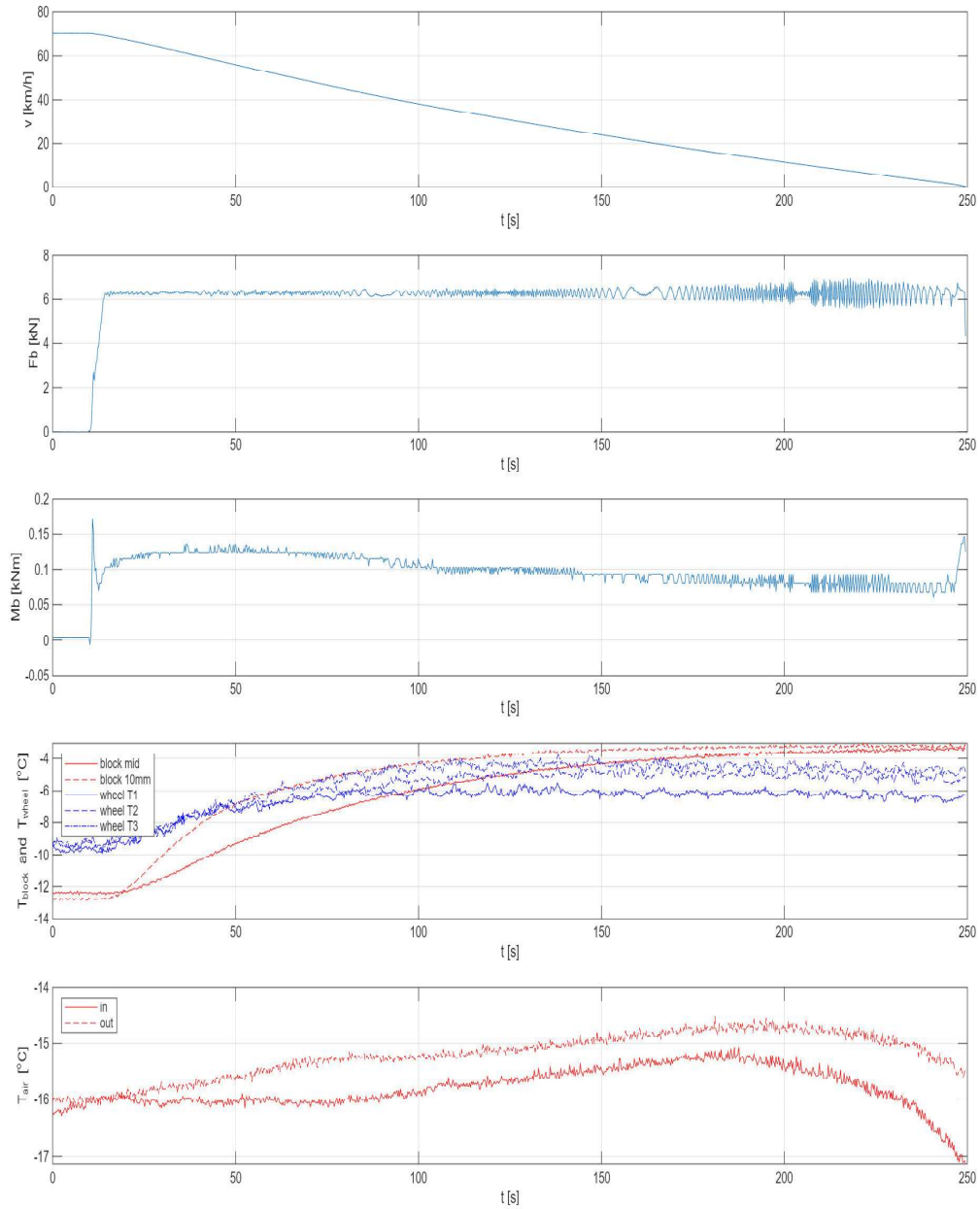


Figure 82. Measured data for C333 Snow 6.3kN, run 6, speed 70km/h

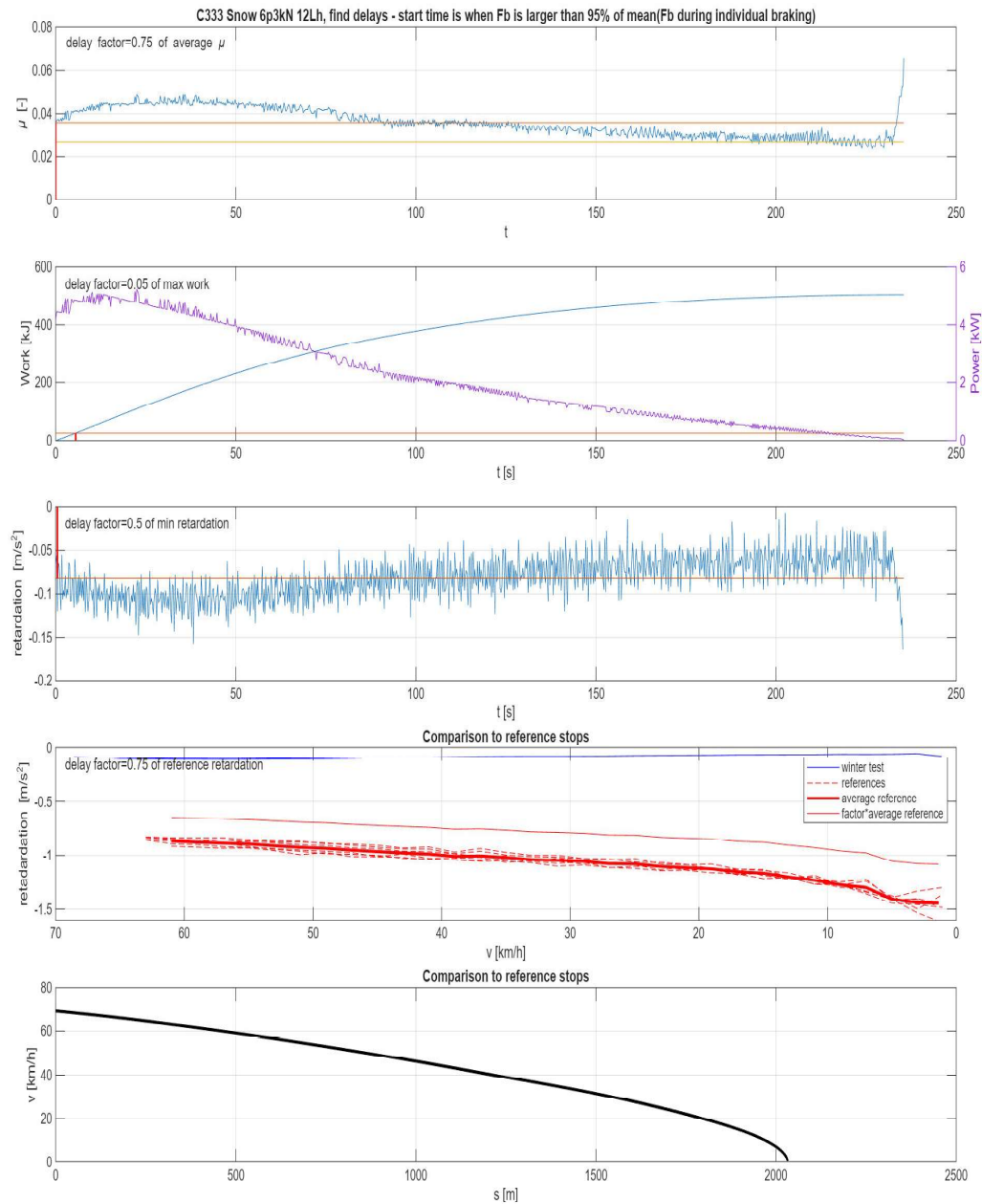


Figure 83. Calculated data and analysis for C333 Snow 6.3kN, run 6, speed 70km/h

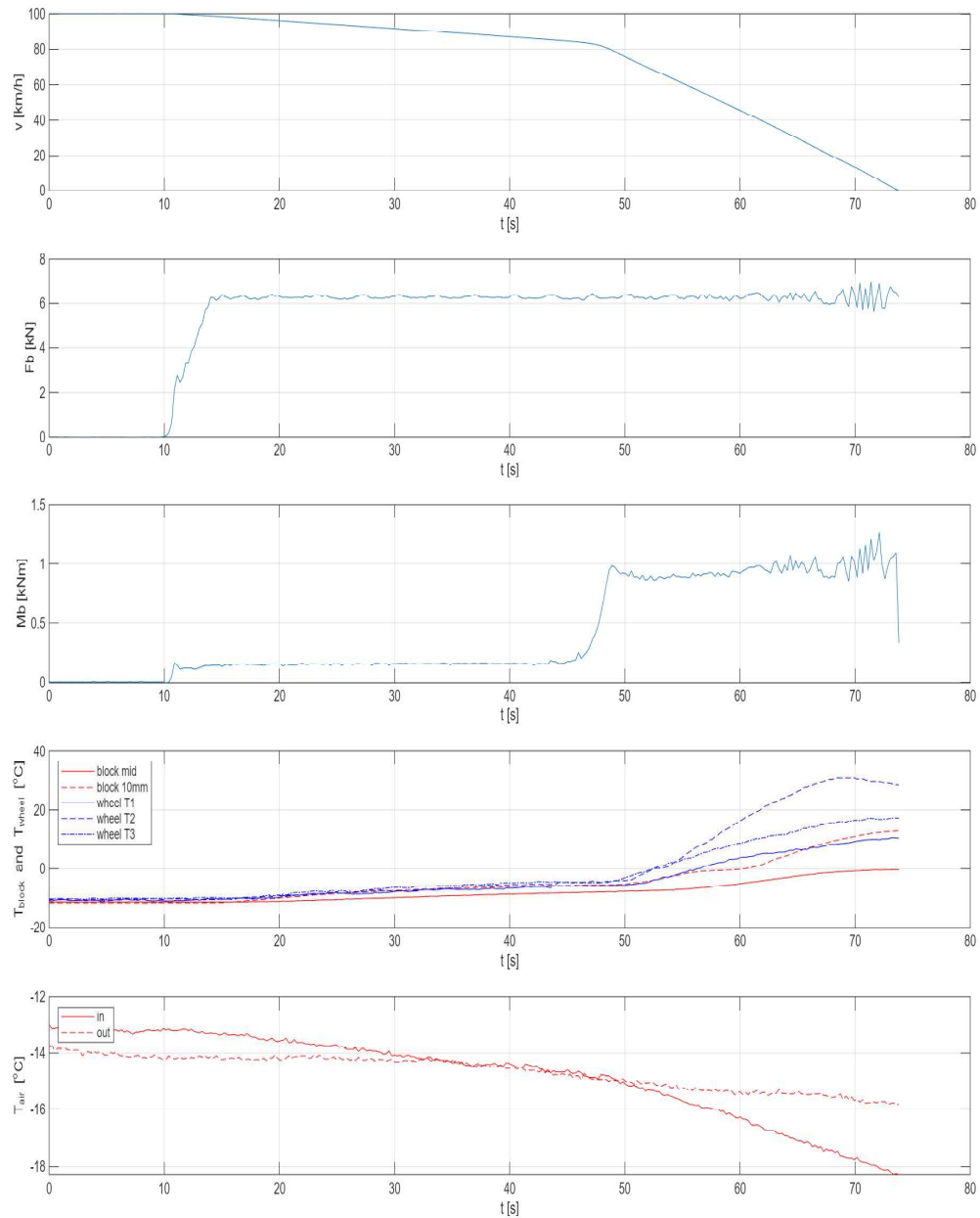


Figure 84. Measured data for C333 Snow 6.3kN, run 7, speed 100km/h

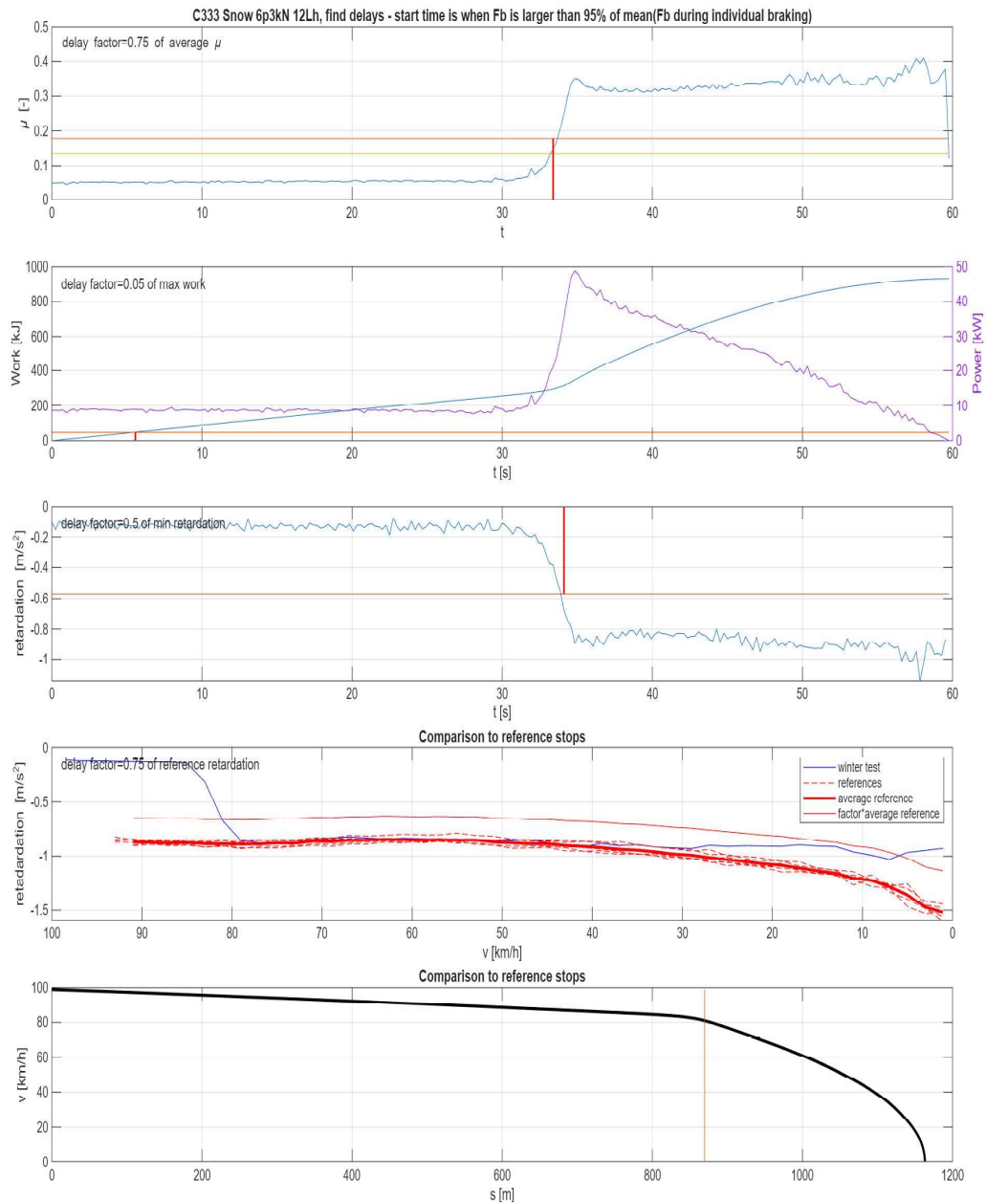


Figure 85. Calculated data and analysis for C333 Snow 6.3kN, run 7, speed 100km/h

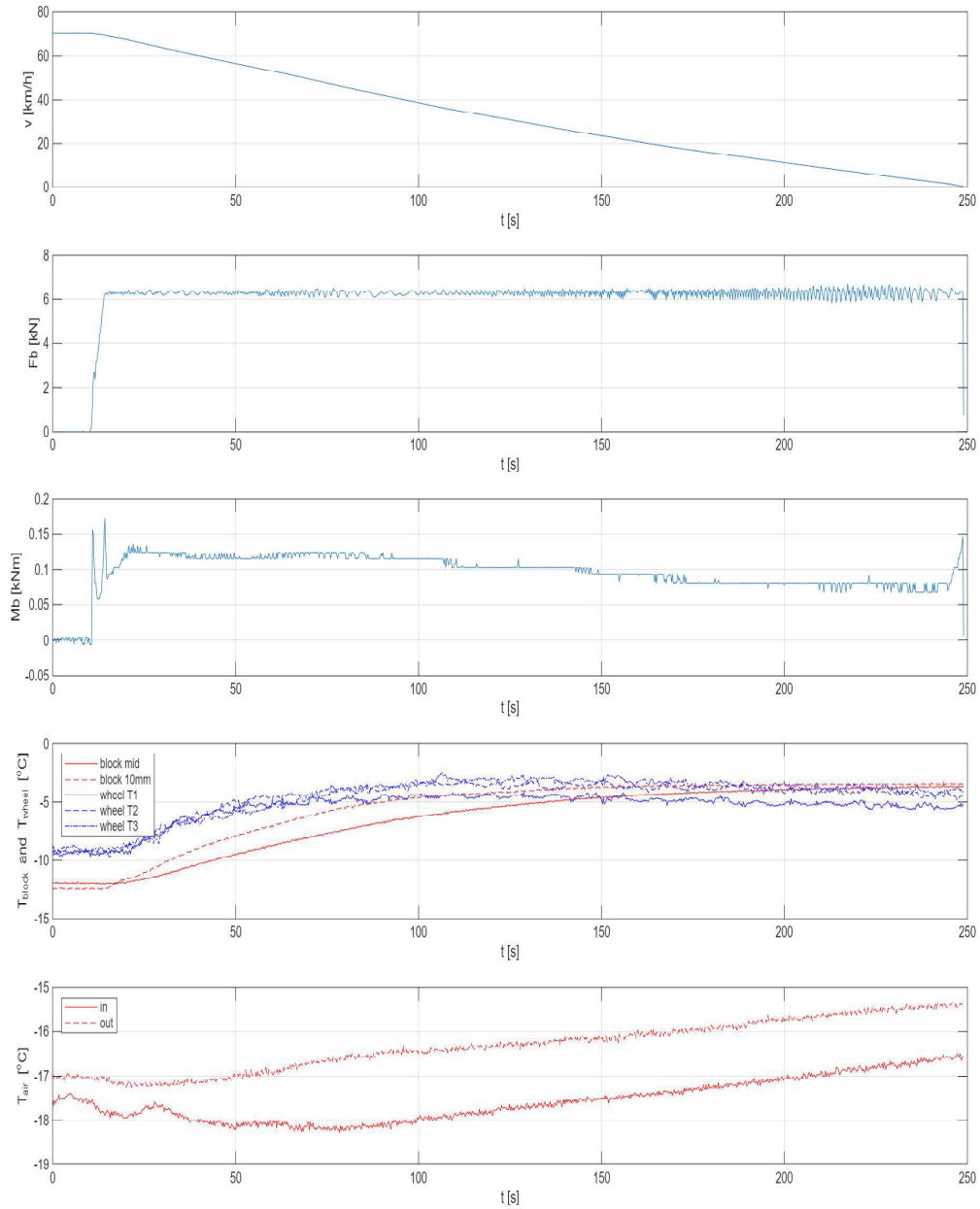


Figure 86. Measured data for C333 Snow 6.3kN, run 8, speed 70km/h

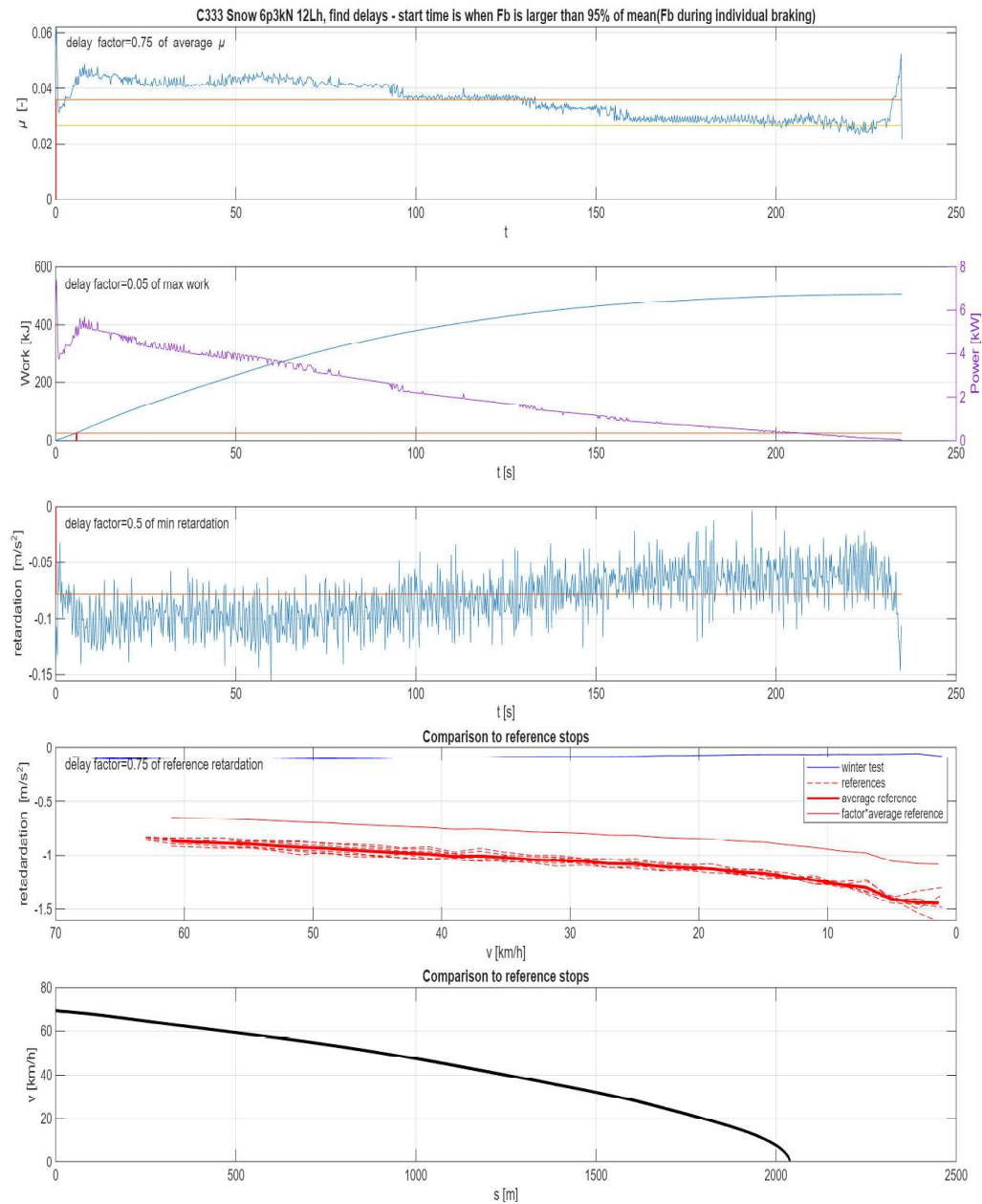


Figure 87. Calculated data and analysis for C333 Snow 6.3kN, run 8, speed 70km/h

Results for C333 Reference 7 kN

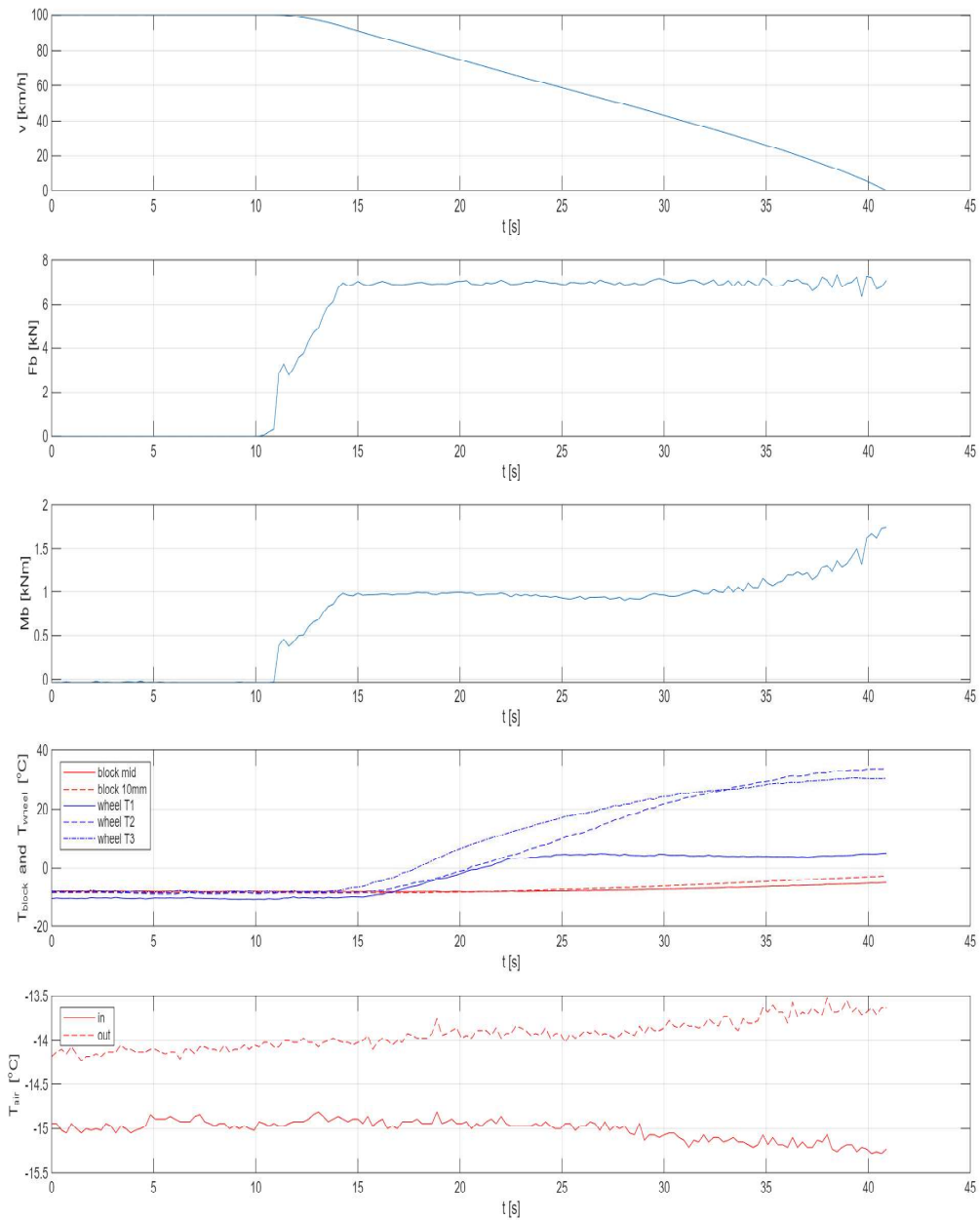


Figure 88. Measured data for C333 Reference 7 kN, run 1, speed 100km/h

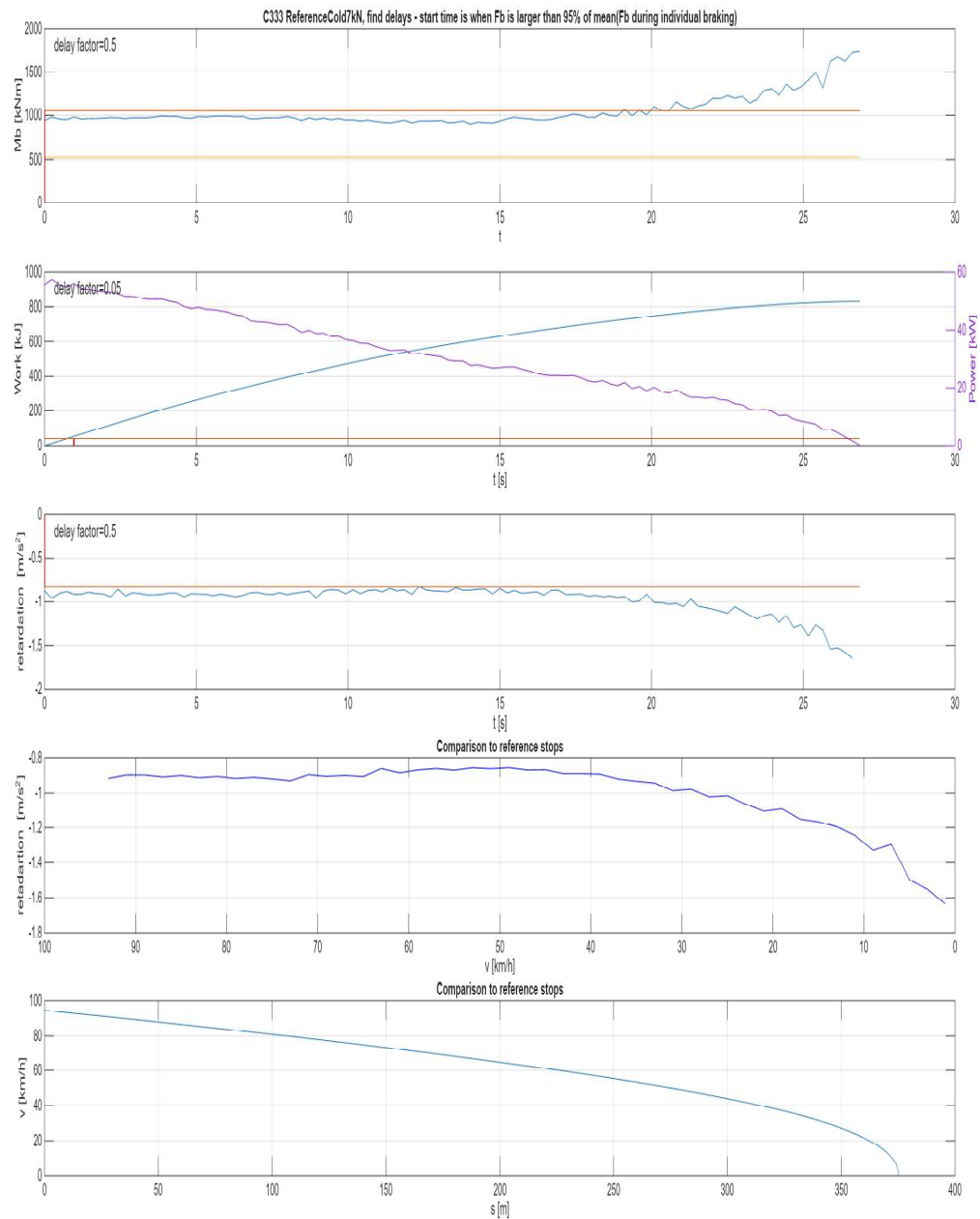


Figure 89. Calculated data and analysis for C333 Reference 7 kN, run 1, speed 100km/h

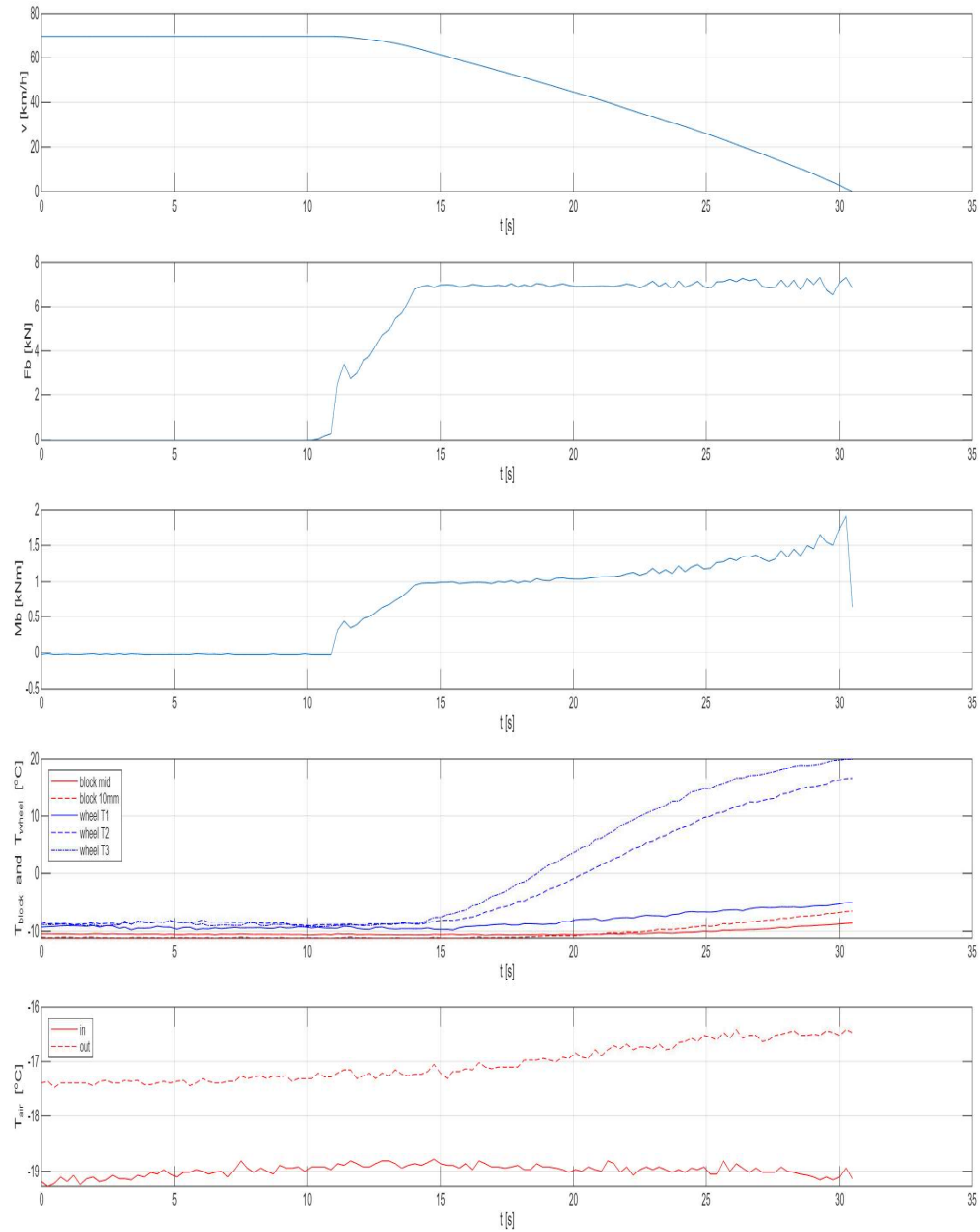


Figure 90. Measured data for C333 Reference 7 kN, run 2, speed 70km/h

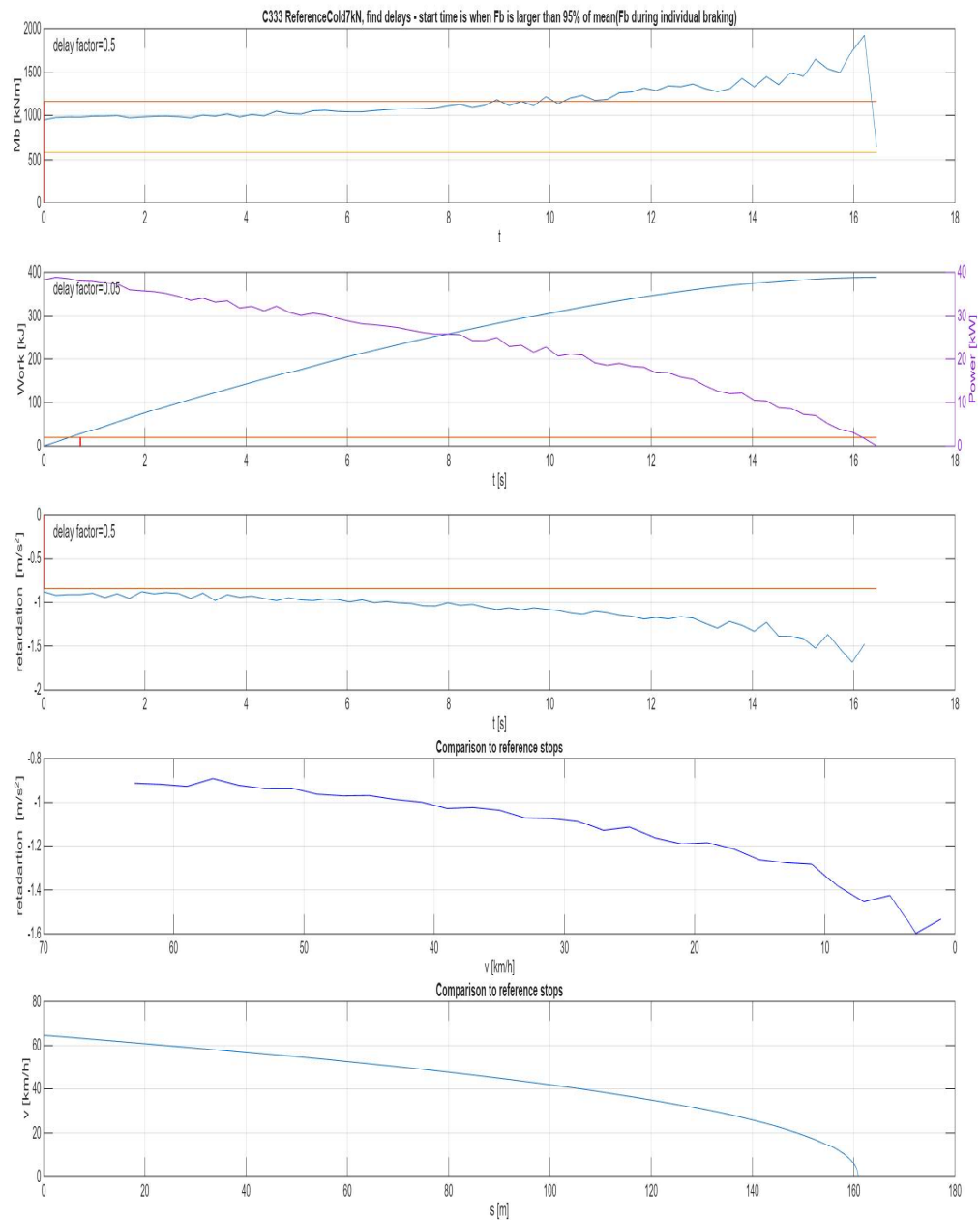


Figure 91. Calculated data and analysis for C333 Reference 7 kN, run 2, speed 70km/h

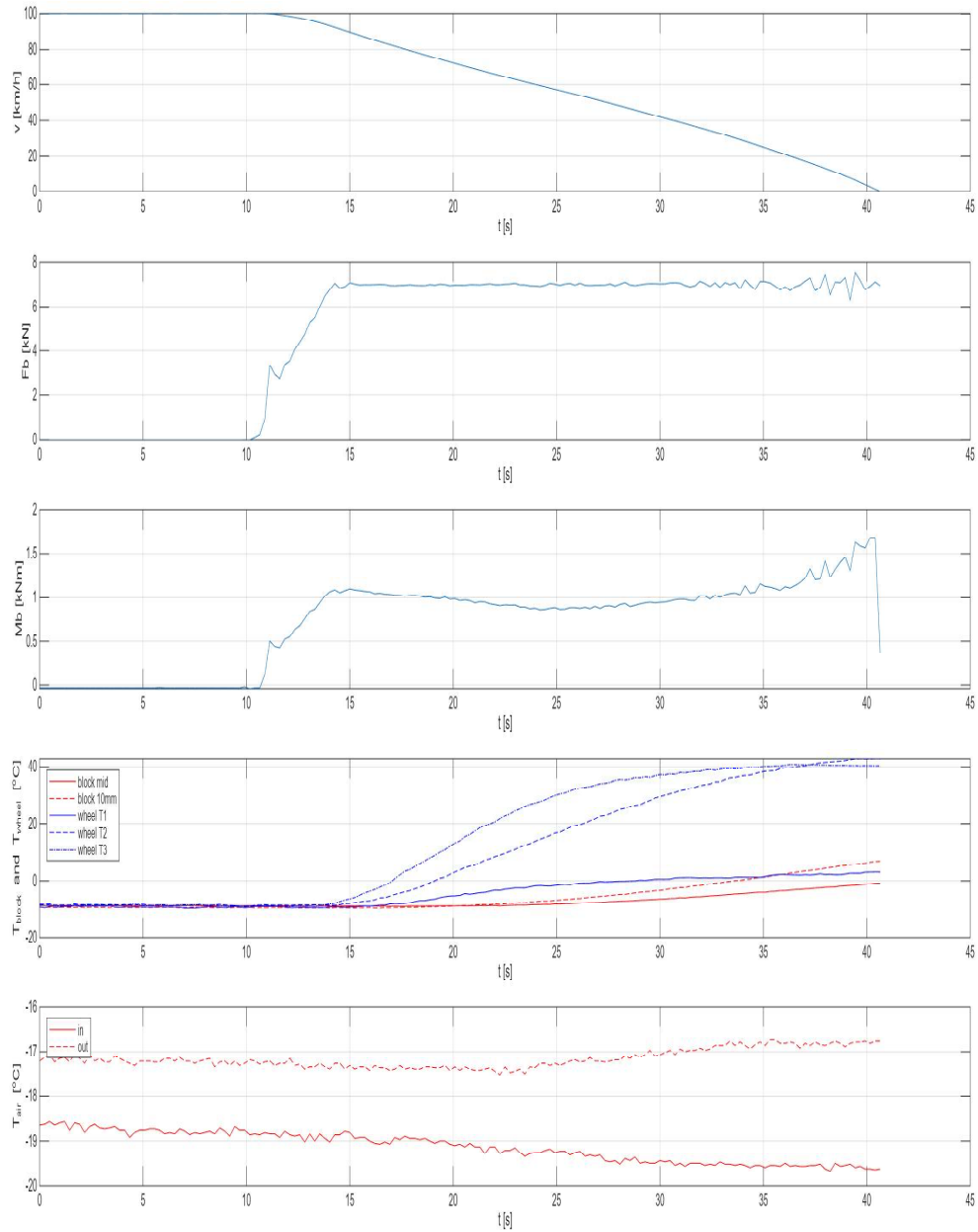


Figure 92. Measured data for C333 Reference 7 kN, run 3, speed 100km/h

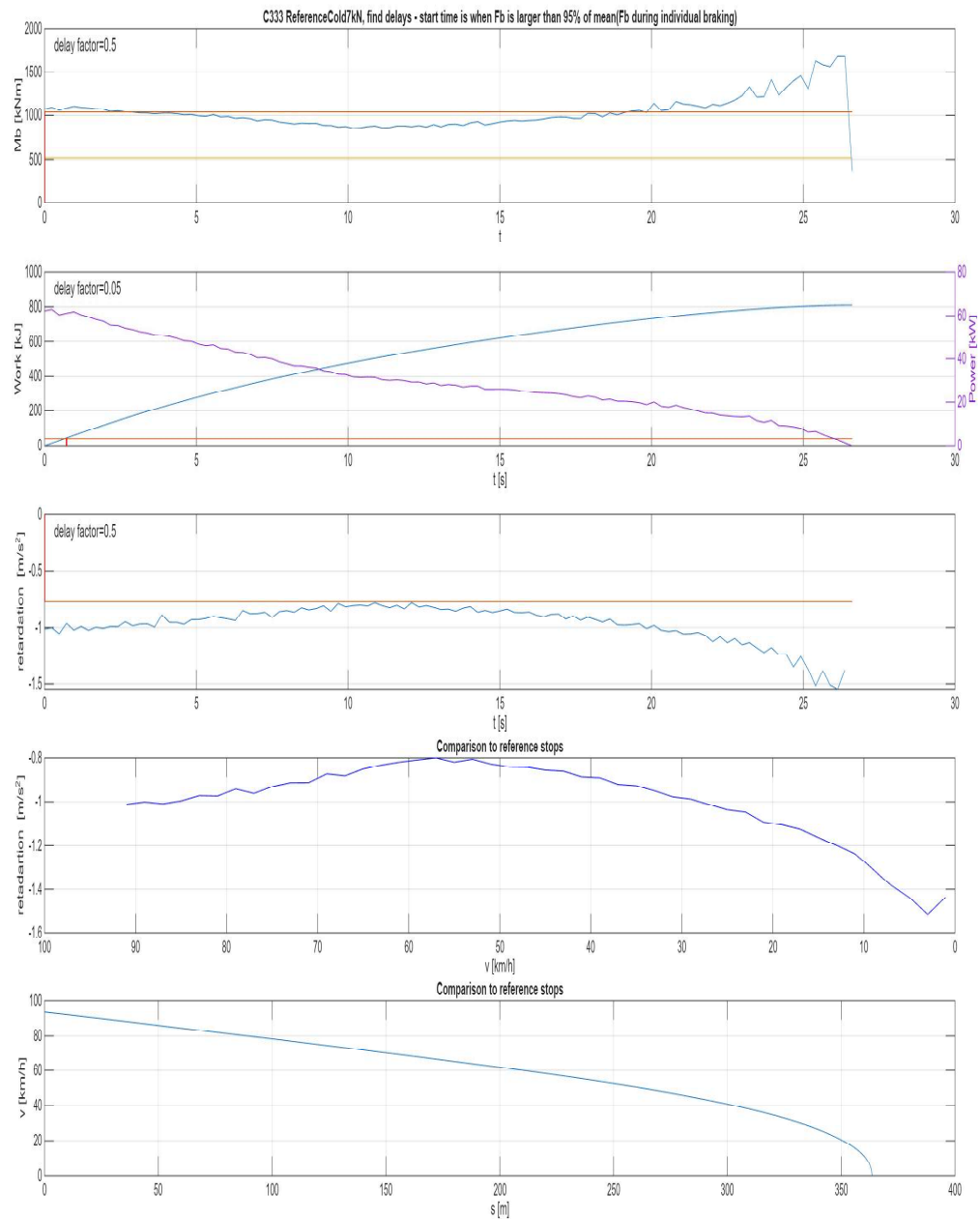


Figure 93. Calculated data and analysis for C333 Reference 7 kN, run 3, speed 100km/h

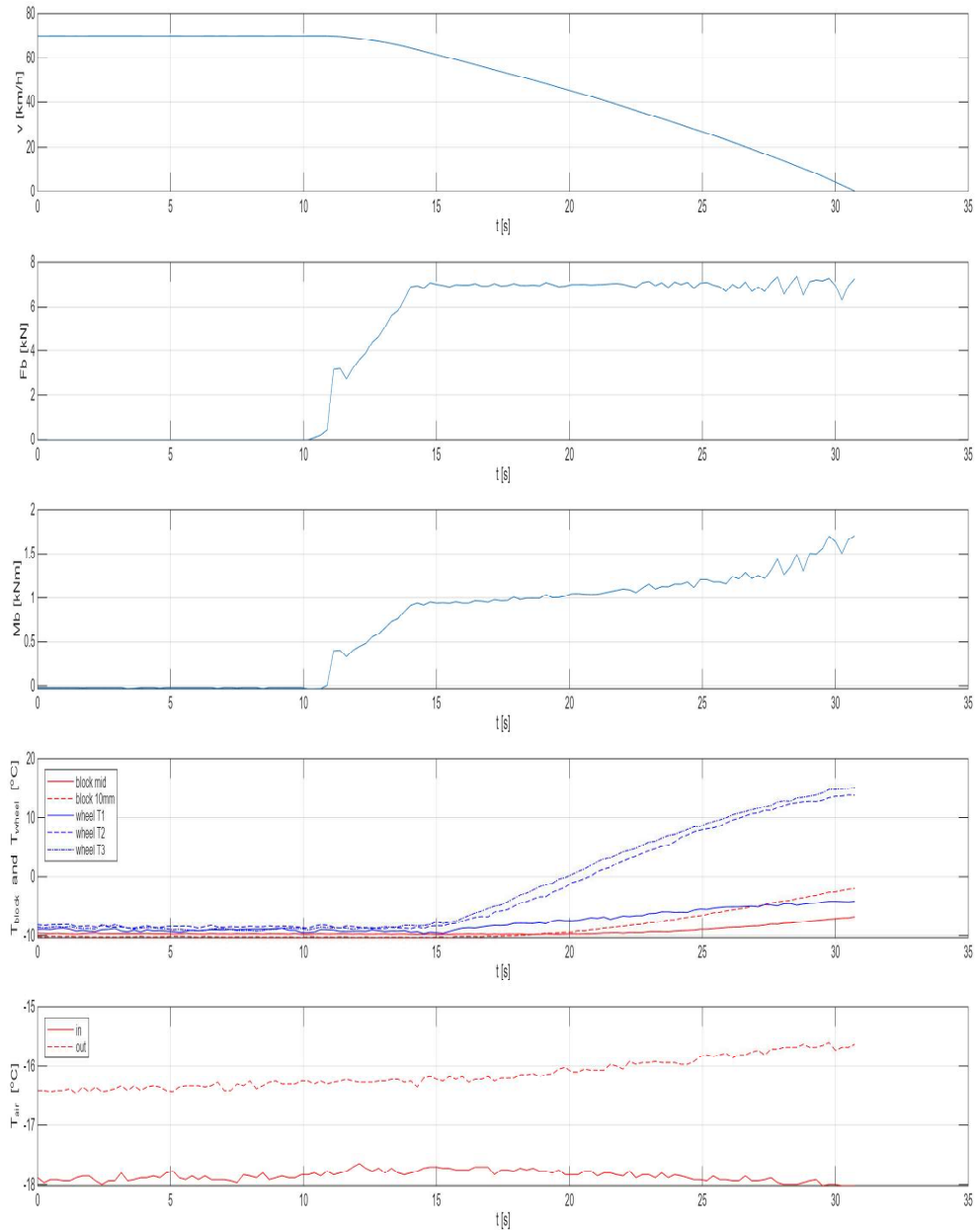


Figure 94. Measured data for C333 Reference 7 kN, run 4, speed 70km/h

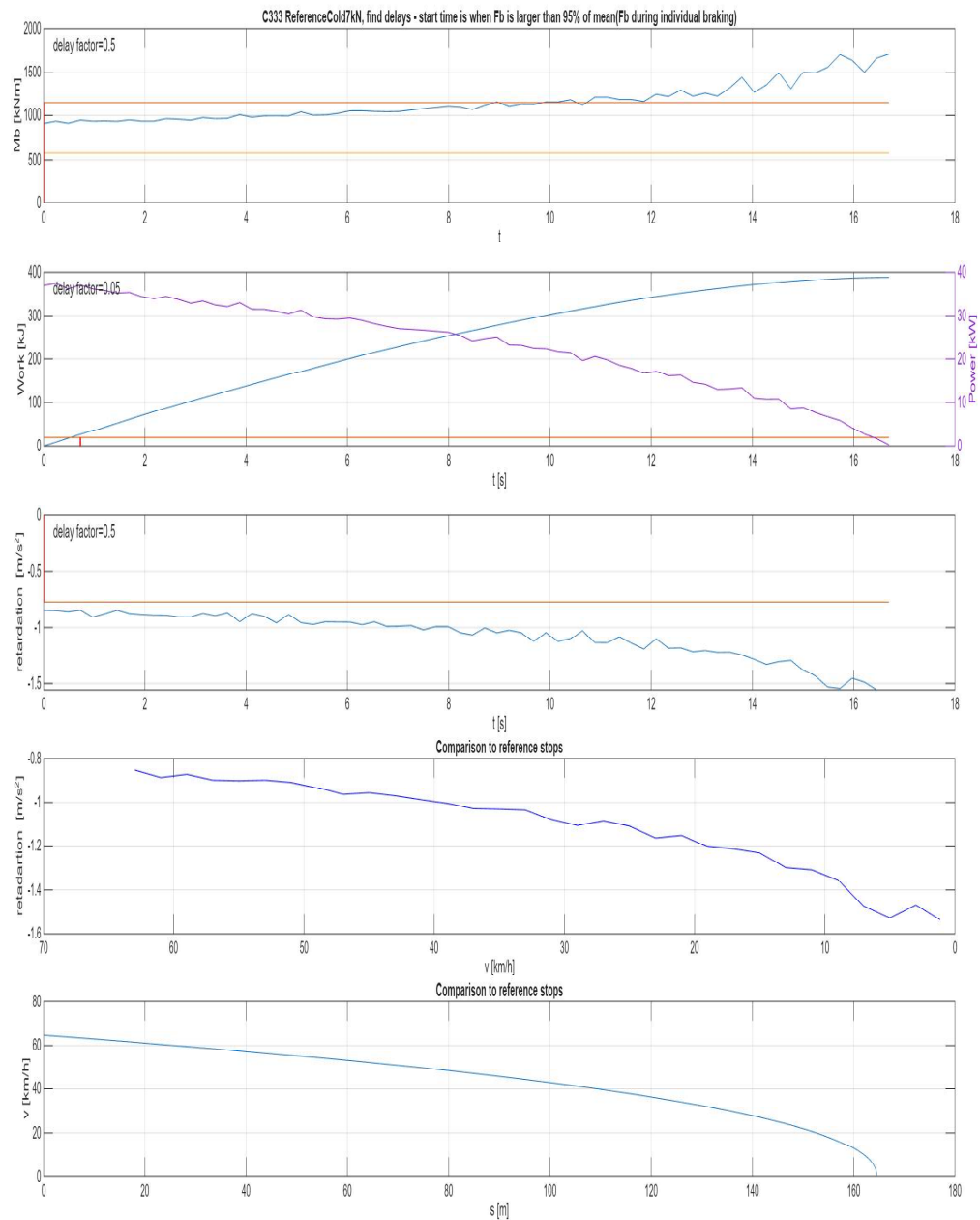


Figure 95. Calculated data and analysis for C333 Reference 7 kN, run 4, speed 70km/h

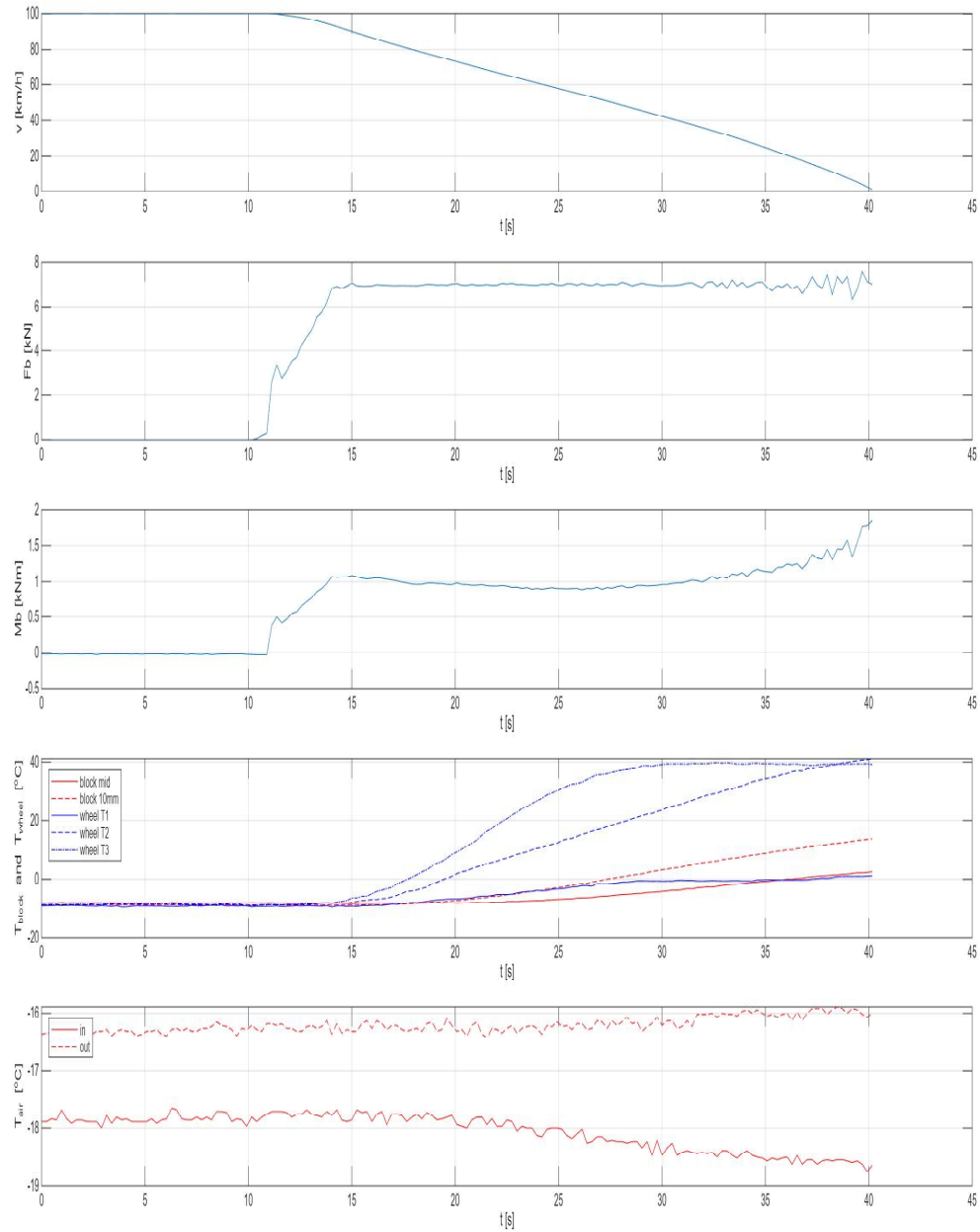


Figure 96. Measured data for C333 Reference 7 kN, run 5, speed 100km/h

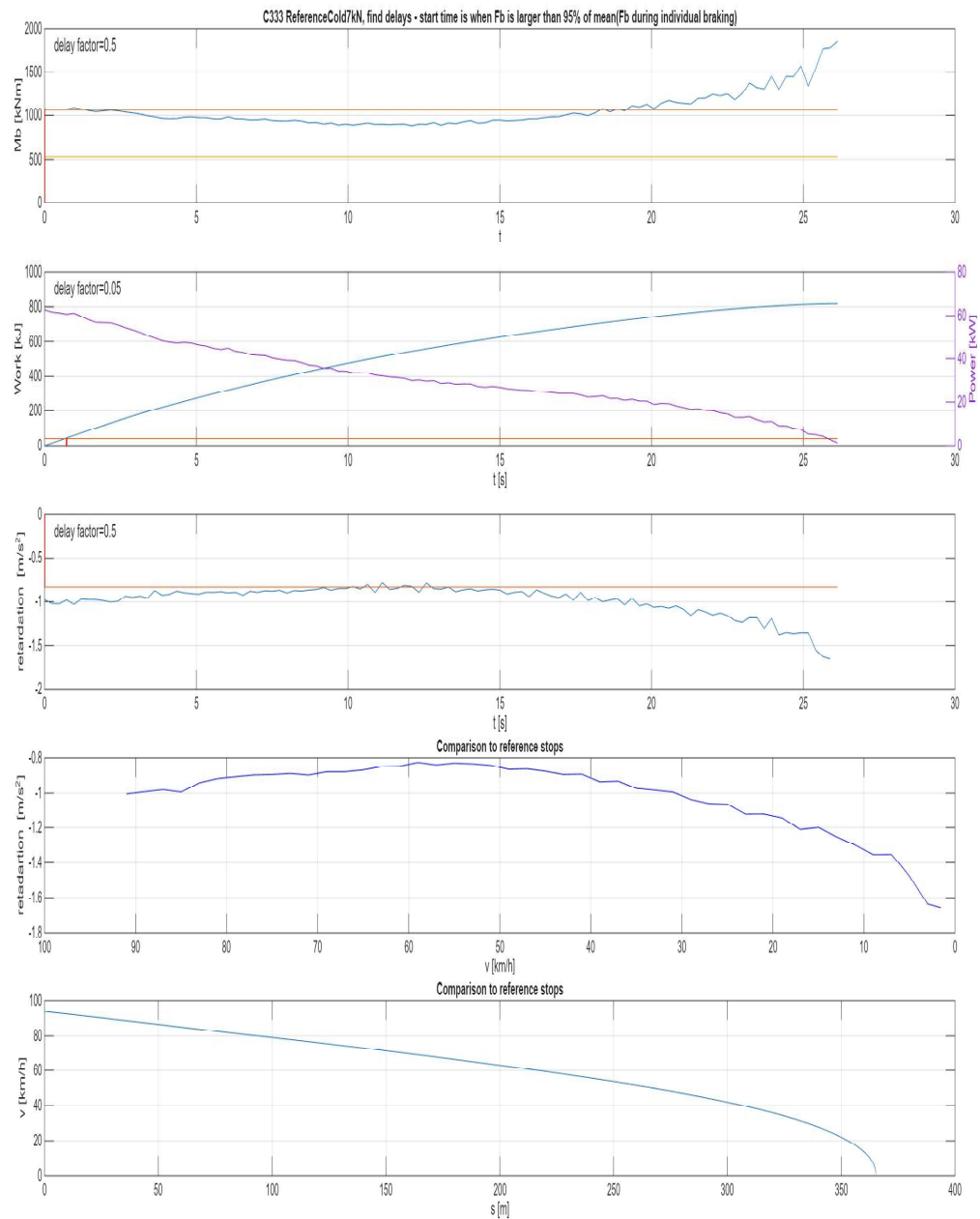


Figure 97. Calculated data and analysis for C333 Reference 7 kN, run 5, speed 100km/h

Results for C333 Ice 7 kN

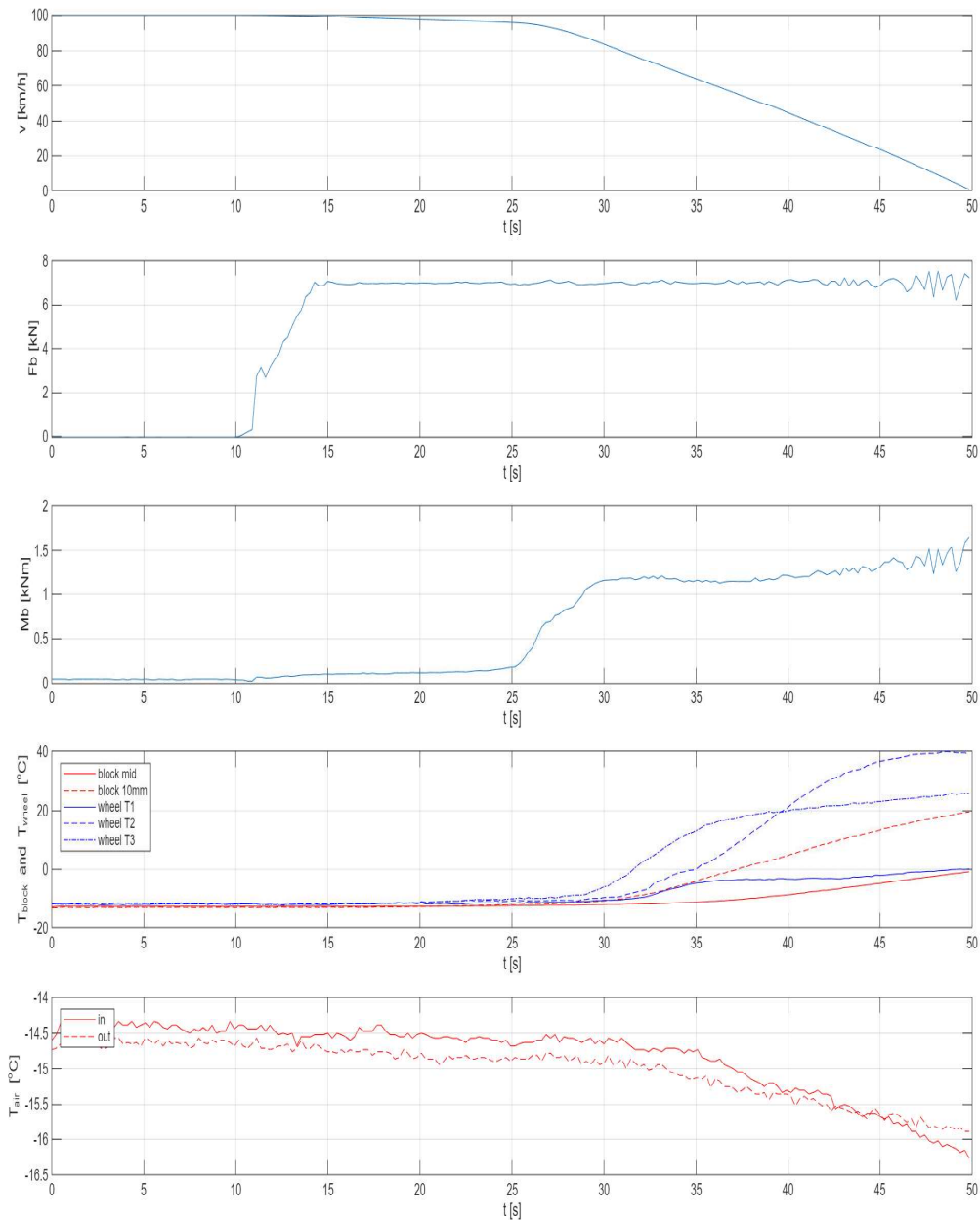


Figure 98. Measured data for C333 Ice 7 kN, run 1, speed 100km/h

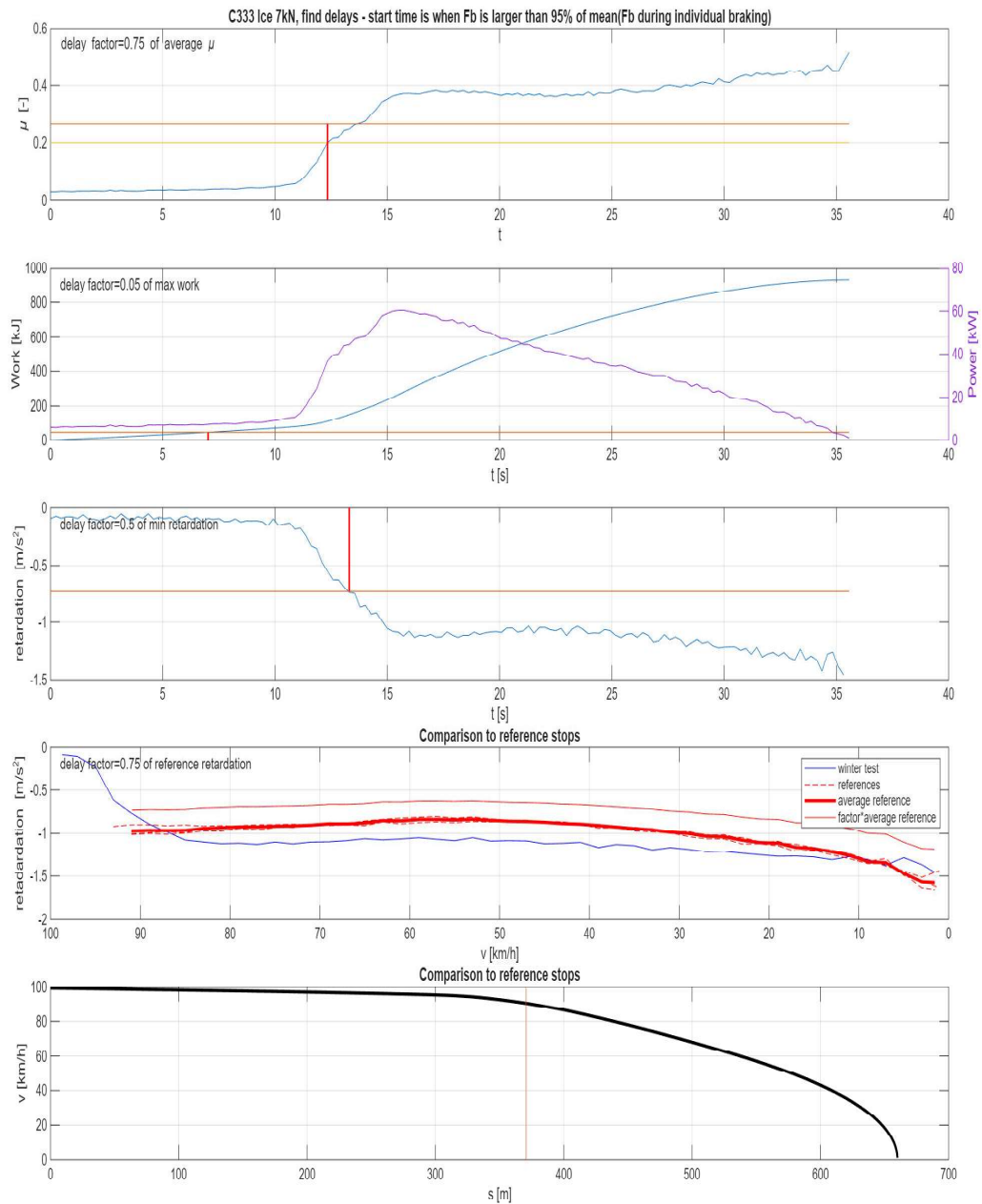


Figure 99. Calculated data and analysis for C333 Ice 7 kN, run 1, speed 100km/h

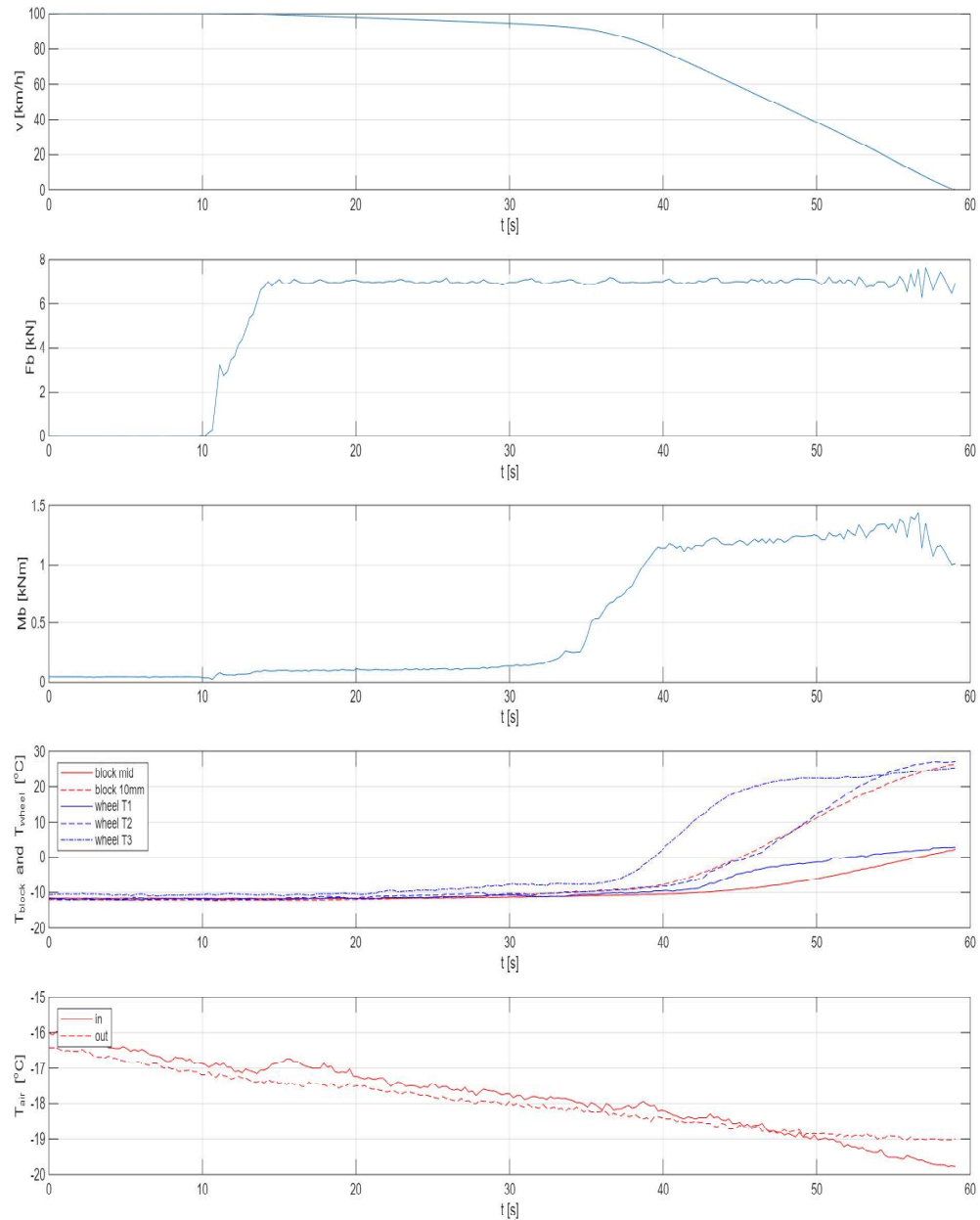


Figure 100. Measured data for C333 Ice 7 kN, run 2, speed 70km/h

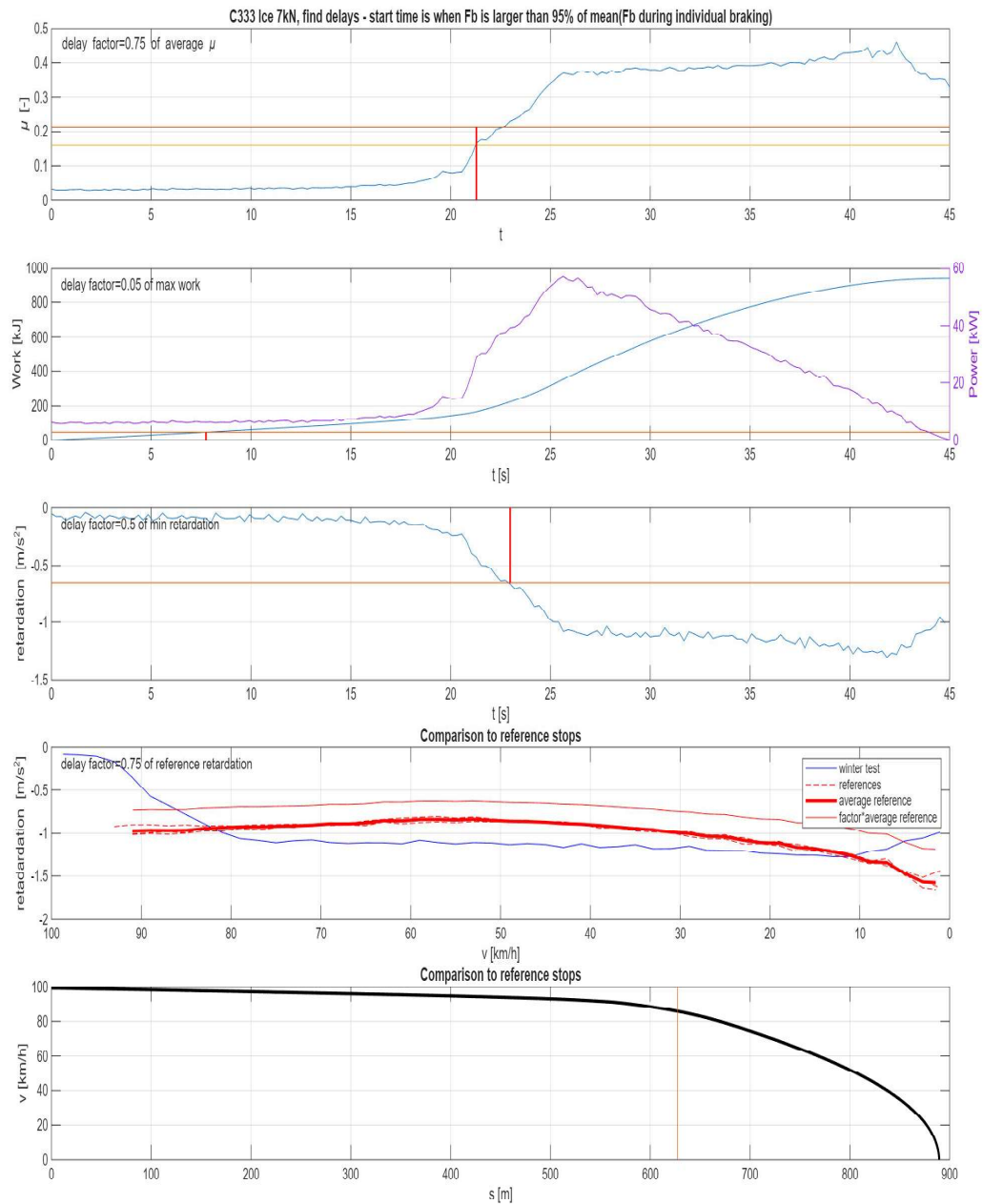


Figure 101. Calculated data and analysis for C333 Ice 7 kN, run 2, speed 70km/h

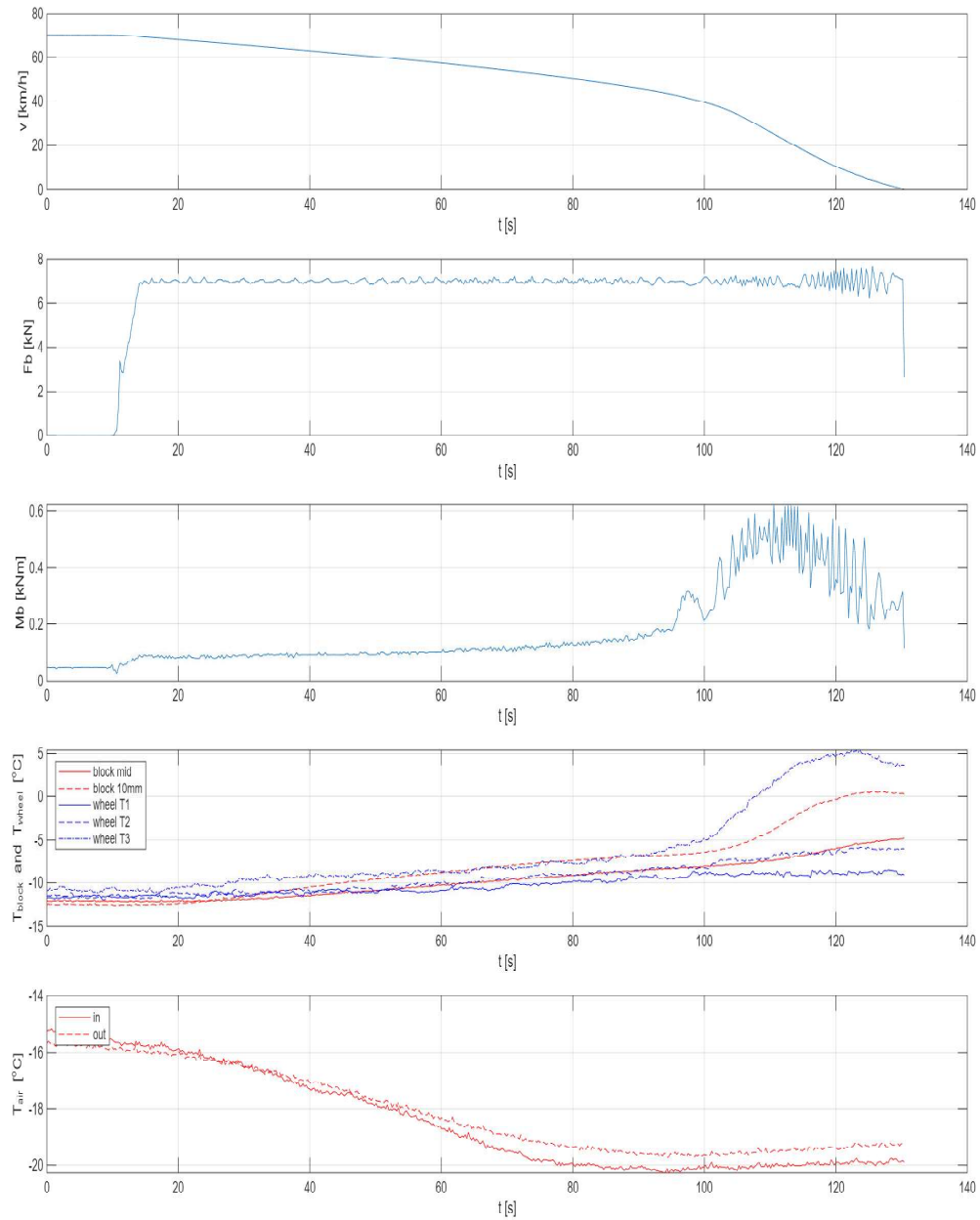


Figure 102. Measured data for C333 Ice 7 kN, run 3, speed 100km/h

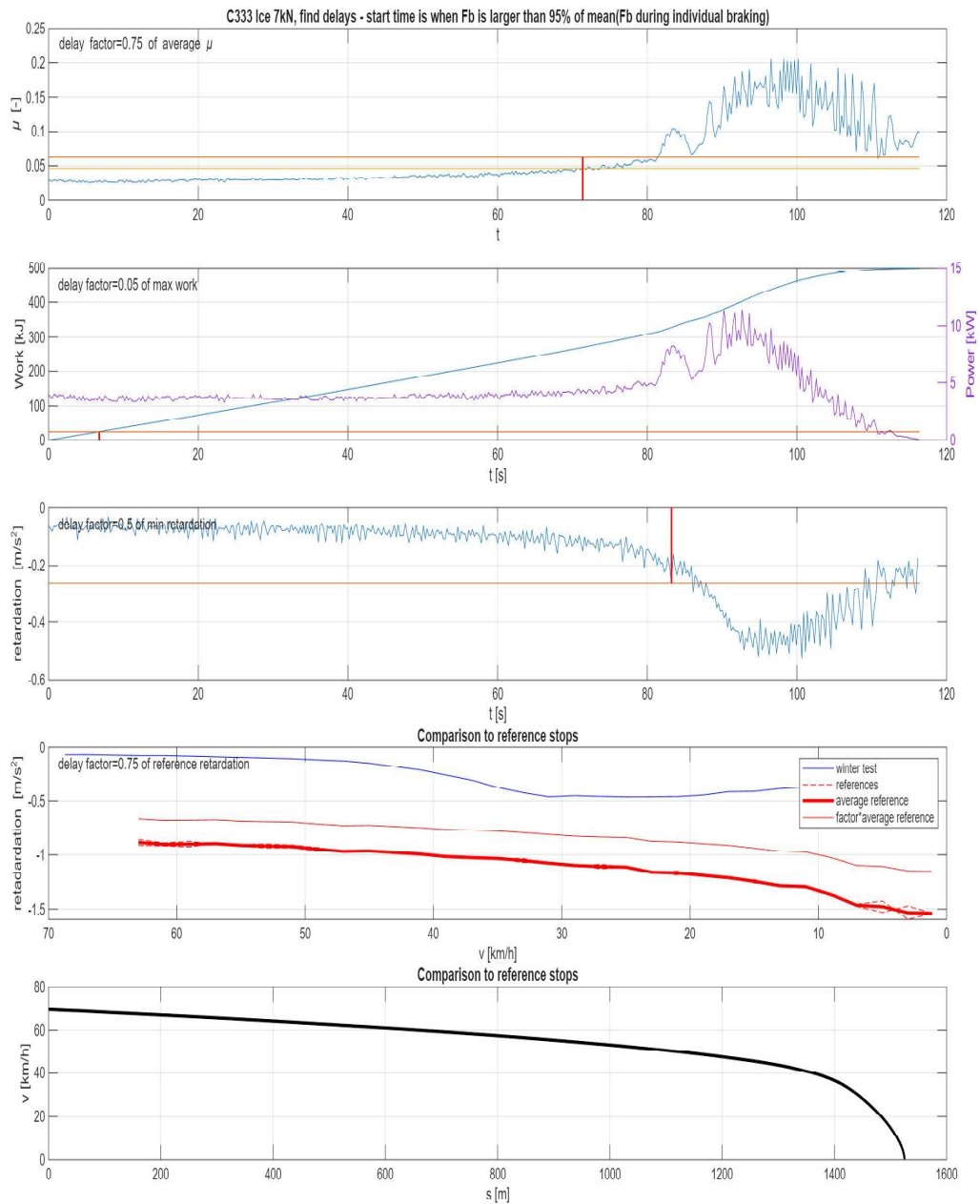


Figure 103. Calculated data and analysis for C333 Ice 7 kN, run 3, speed 100km/h

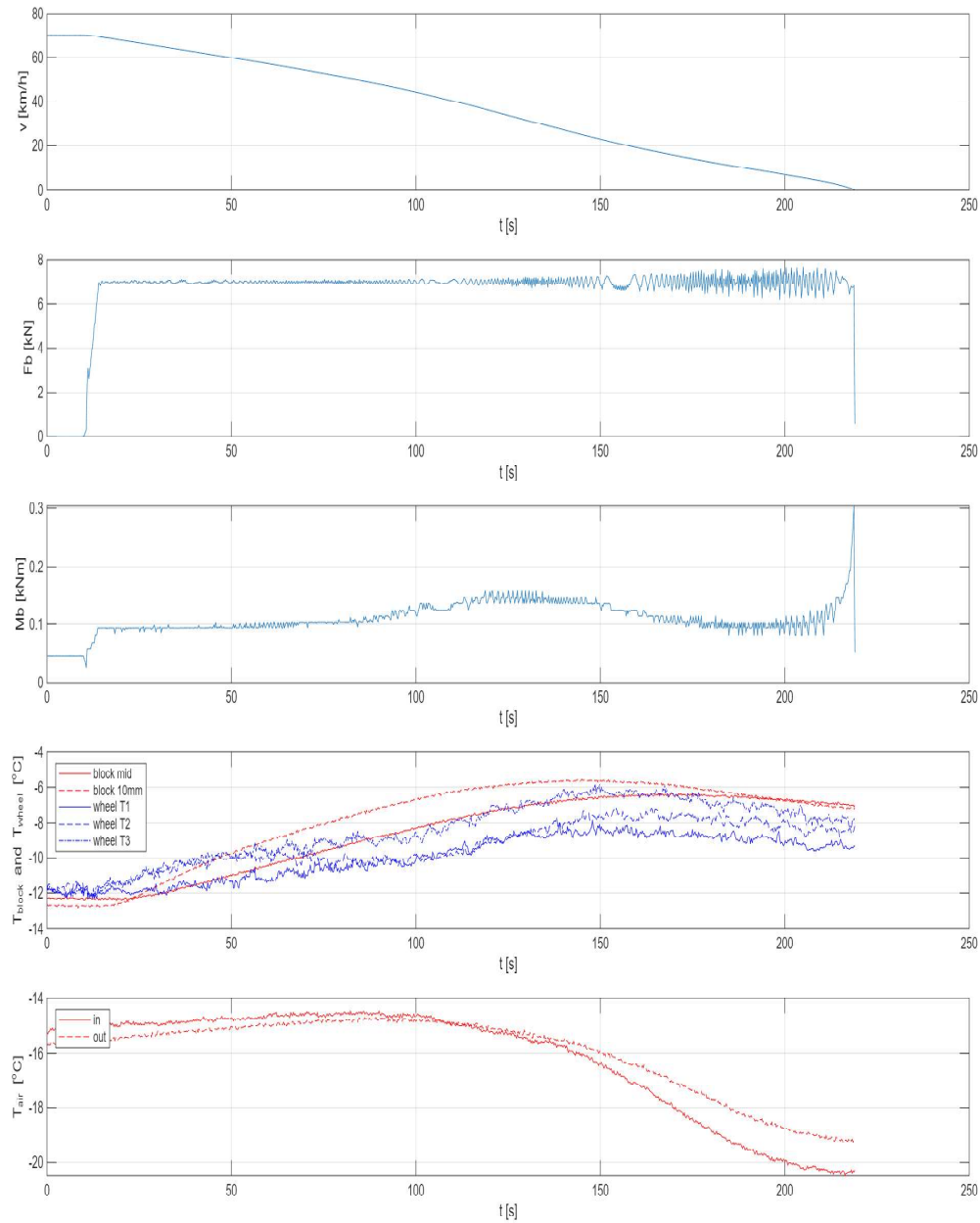


Figure 104. Measured data for C333 Ice 7 kN, run 4, speed 70km/h

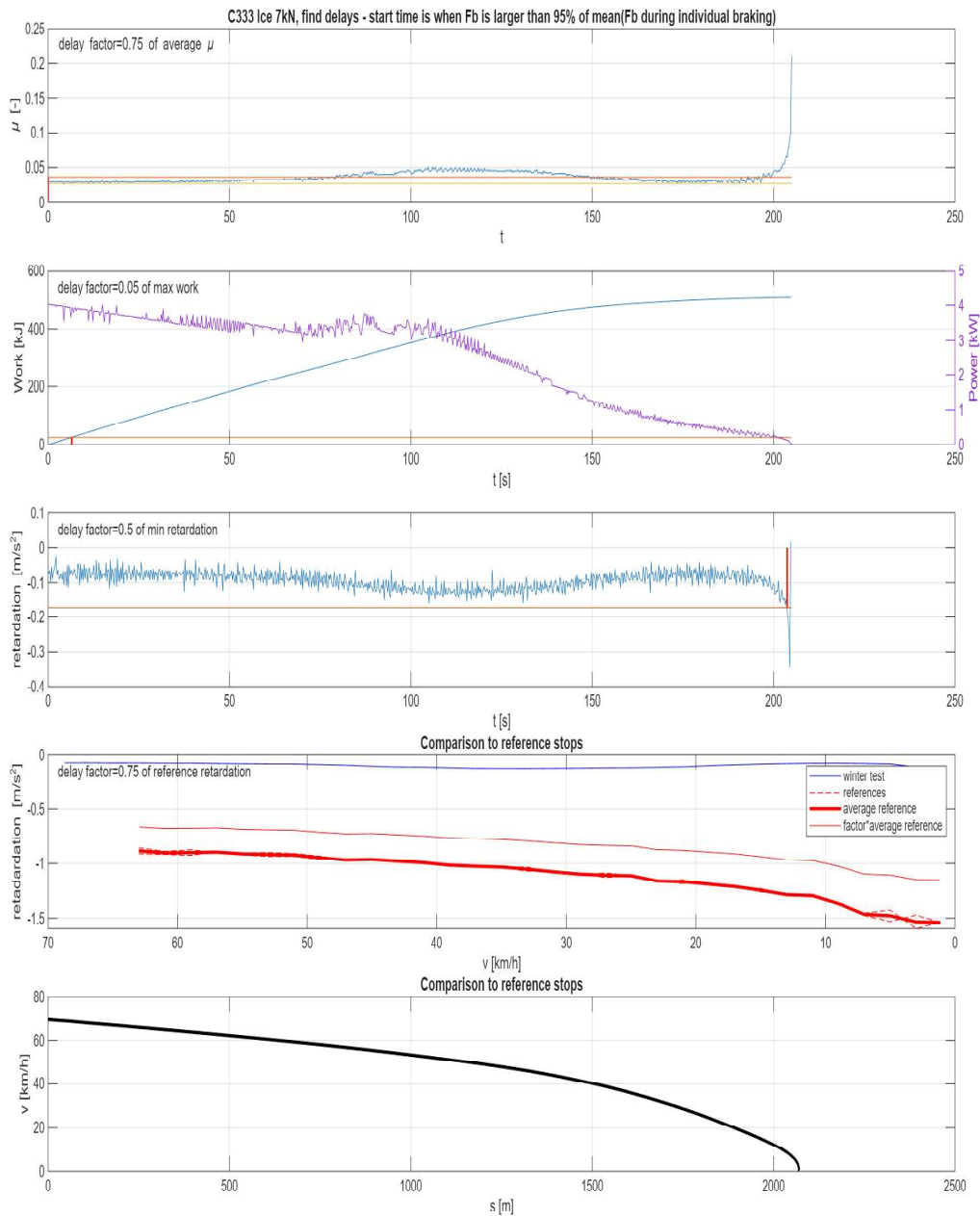


Figure 105. Calculated data and analysis for C333 Ice 7 kN, run 4, speed 70km/h

Results for C333 Ice 9.3 kN

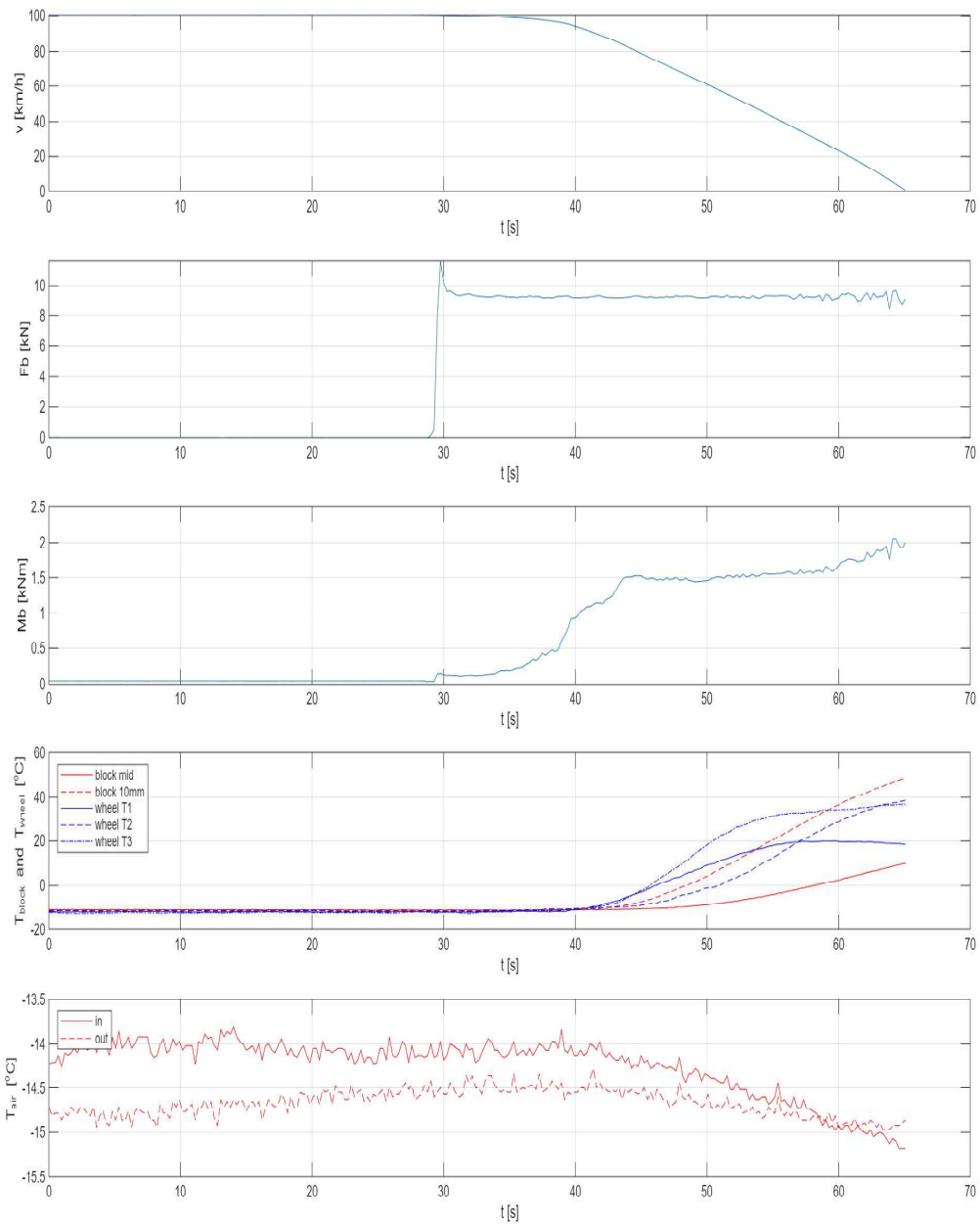


Figure 106. Measured data for C333 Ice 9.3 kN, run 1, speed 100km/h

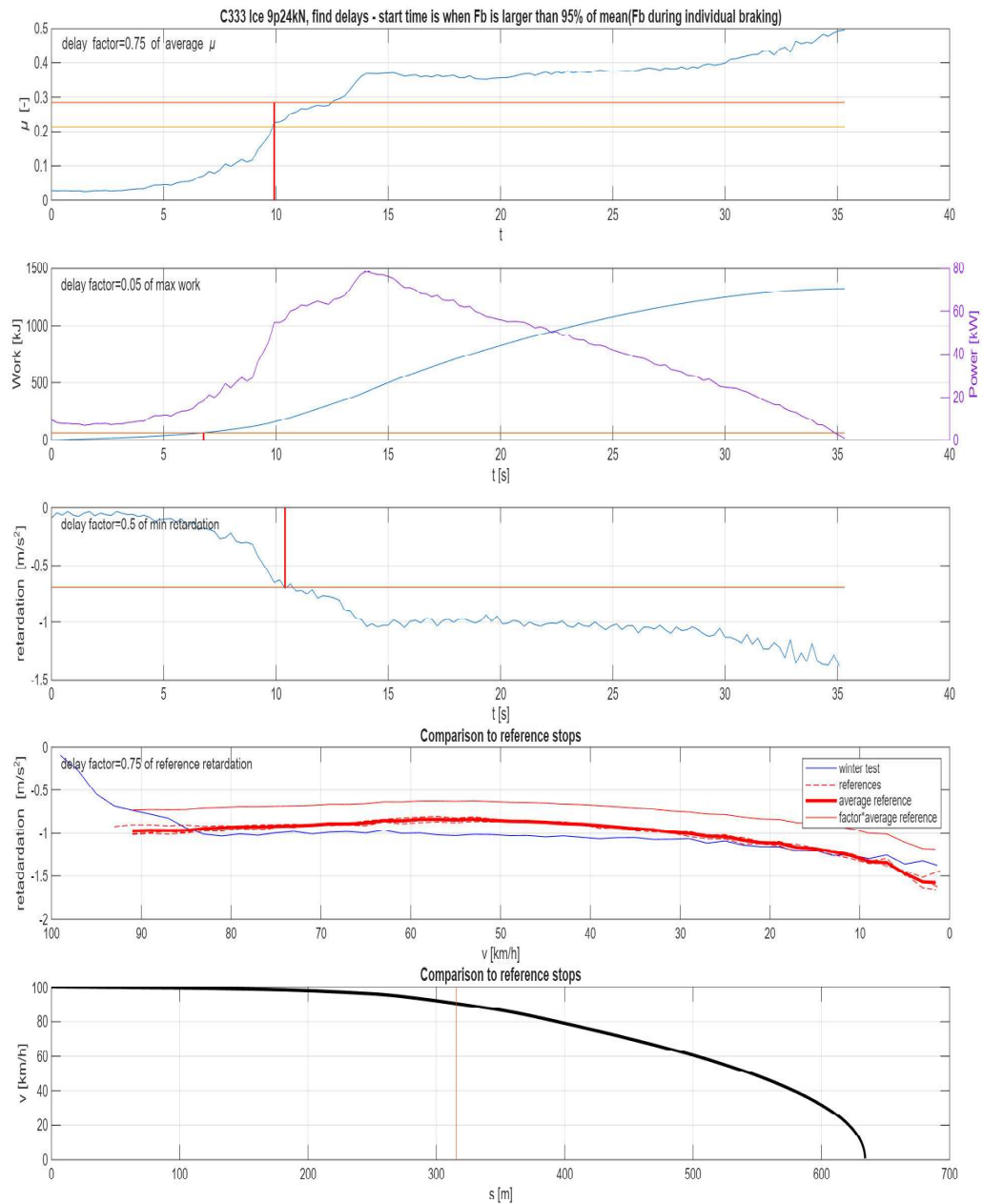


Figure 107. Calculated data and analysis for C333 Ice 9.3 kN, run 1, speed 100km/h

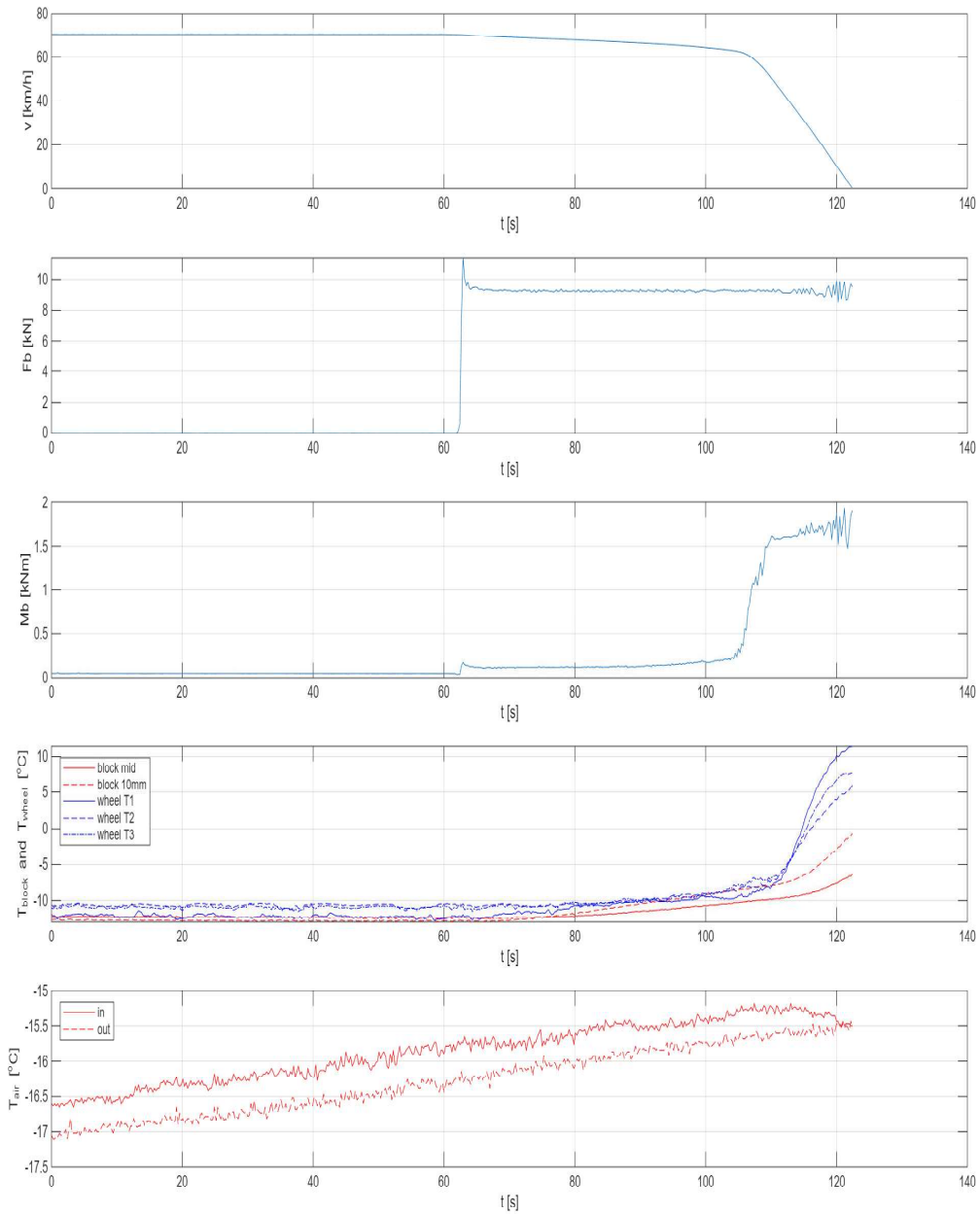


Figure 108. Measured data for C333 Ice 9.3 kN, run 2, speed 70km/h

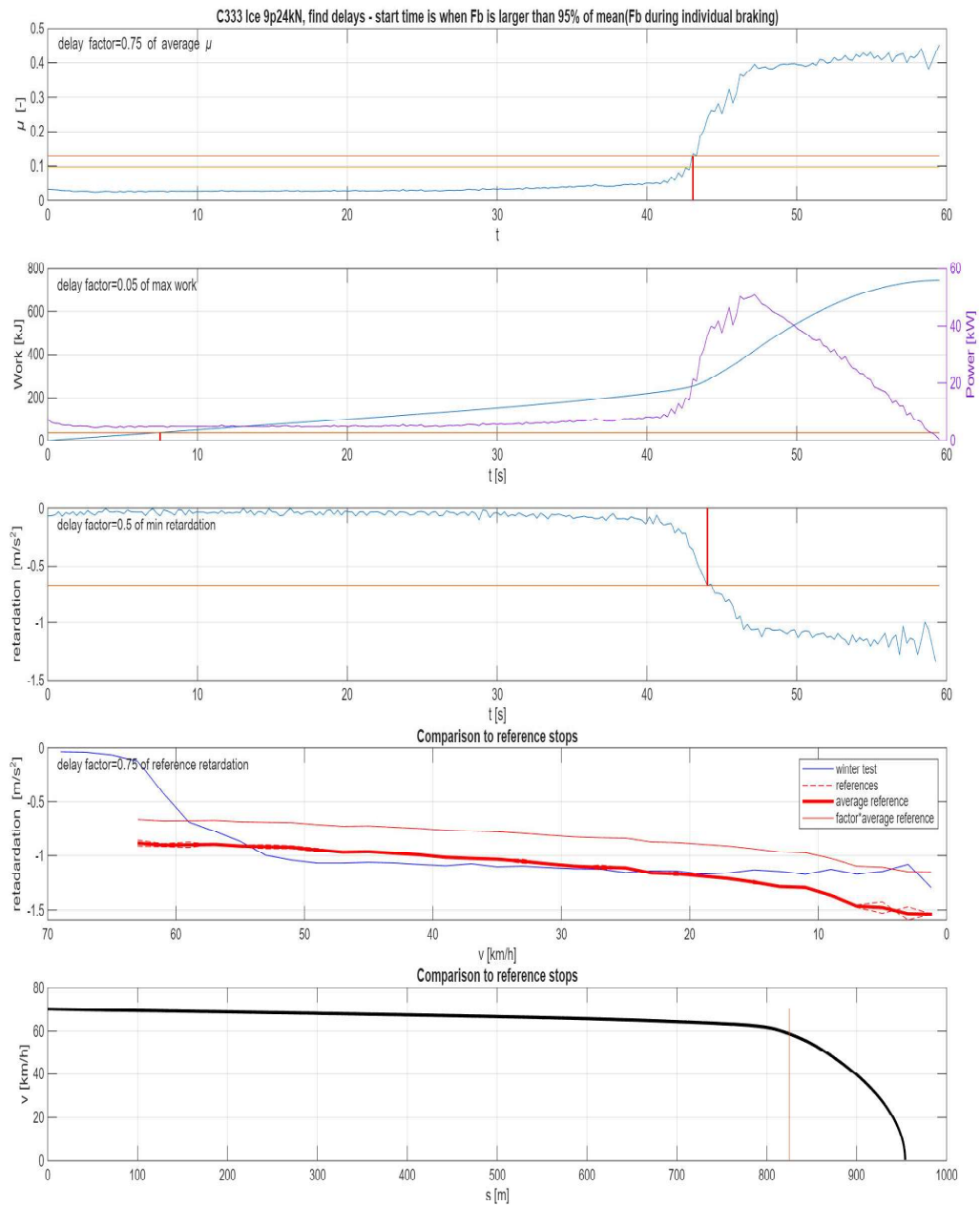


Figure 109. Calculated data and analysis for C333 Ice 9.3 kN, run 2, speed 70km/h

Results for C333 Snow 7.5kN

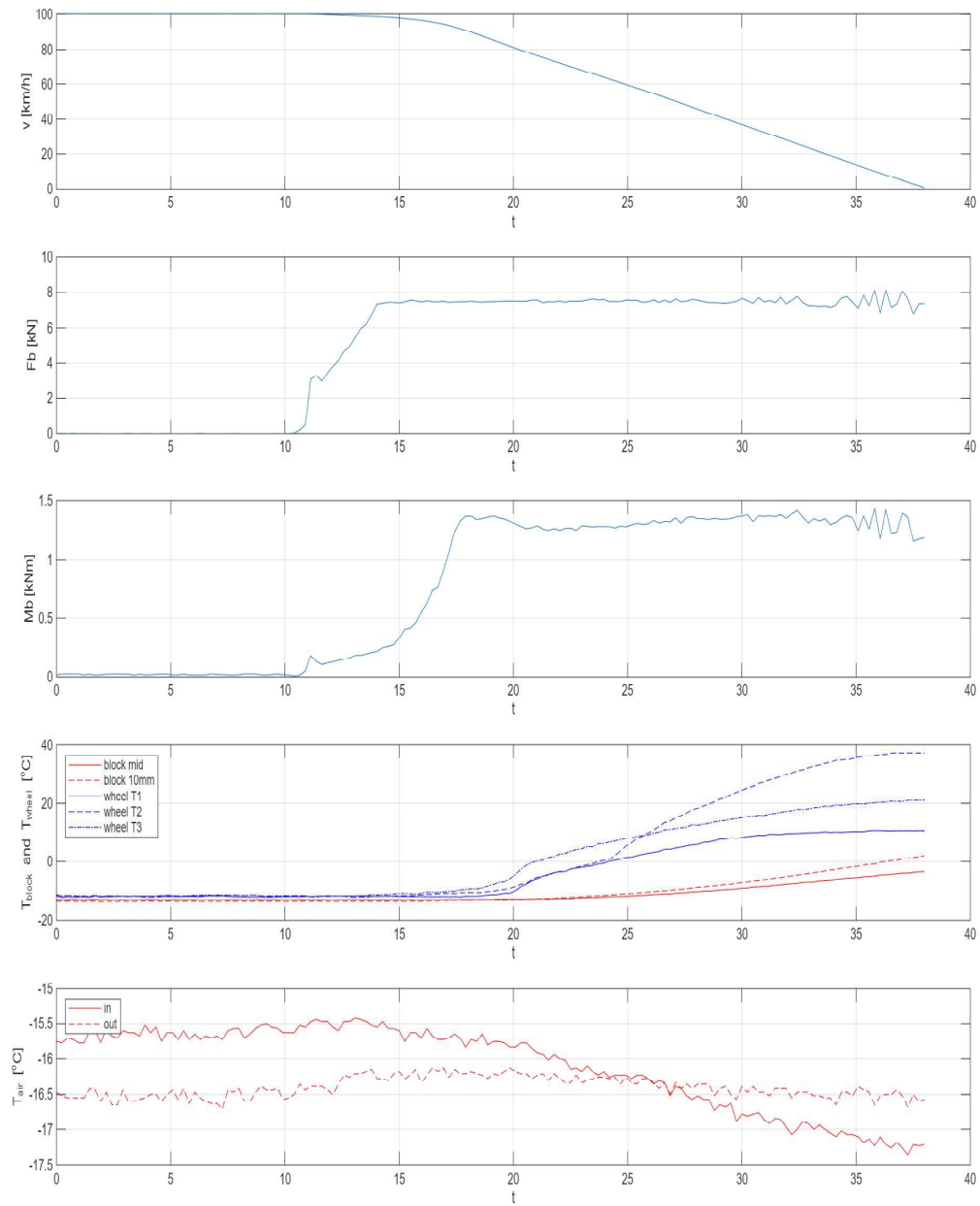


Figure 110. Measured data for C333 Snow 7.5kN, run 1, speed 100km/h

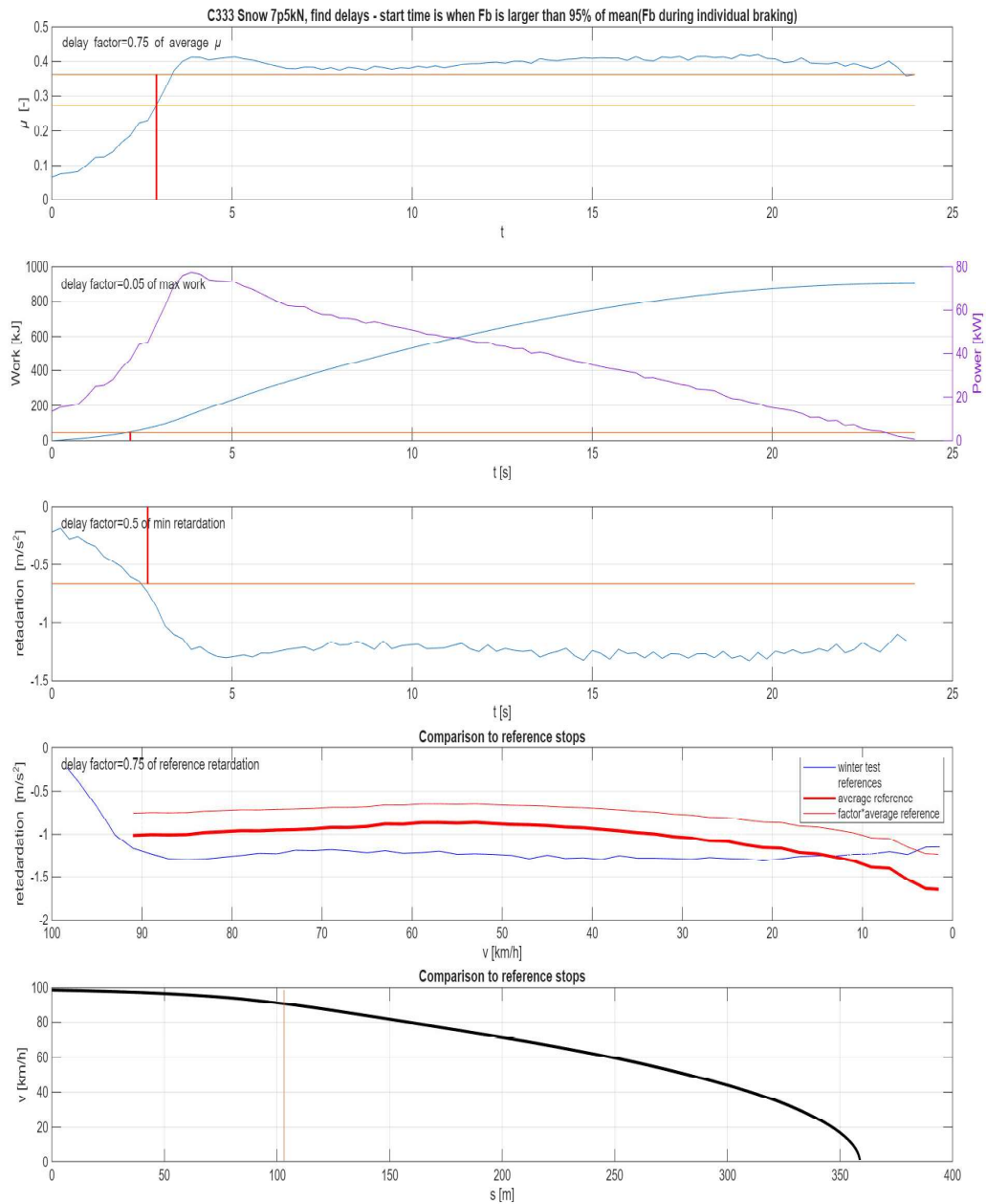


Figure 111. Calculated data and analysis for C333 Snow 7.5kN, run 1, speed 100km/h

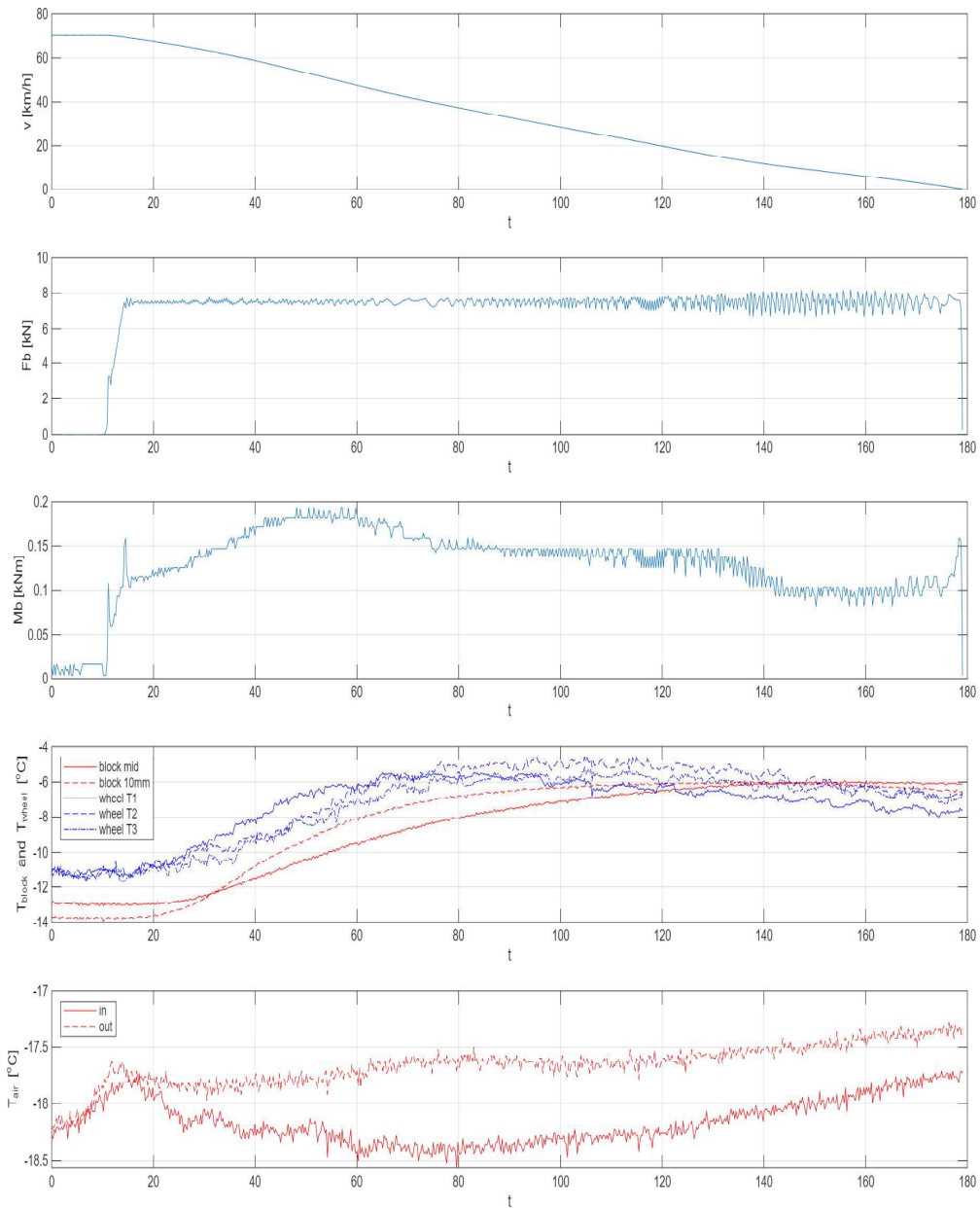


Figure 112. Measured data for C333 Snow 7.5kN, run 2, speed 70km/h

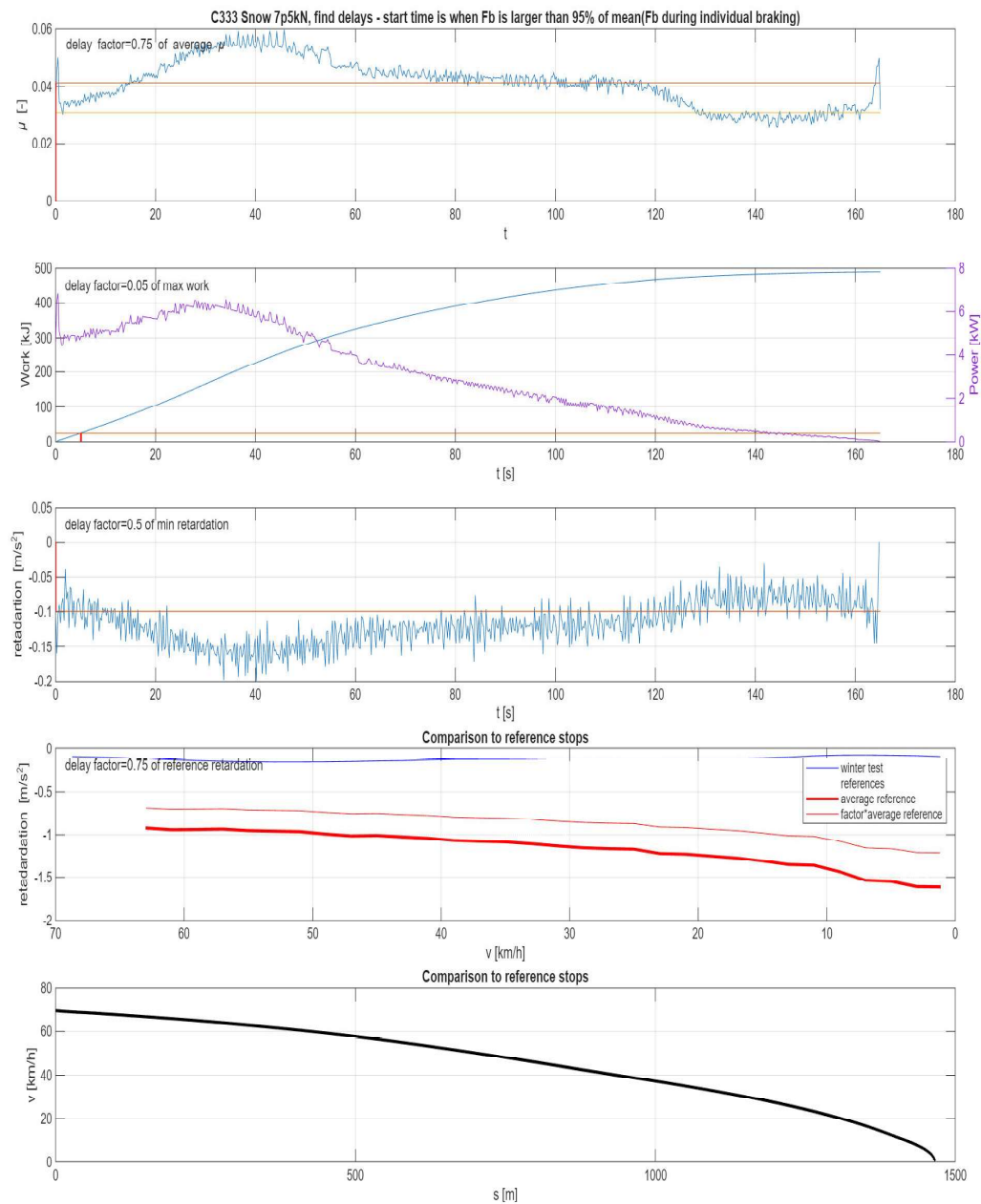


Figure 113. Calculated data and analysis for C333 Snow 7.5kN, run 2, speed 70km/h

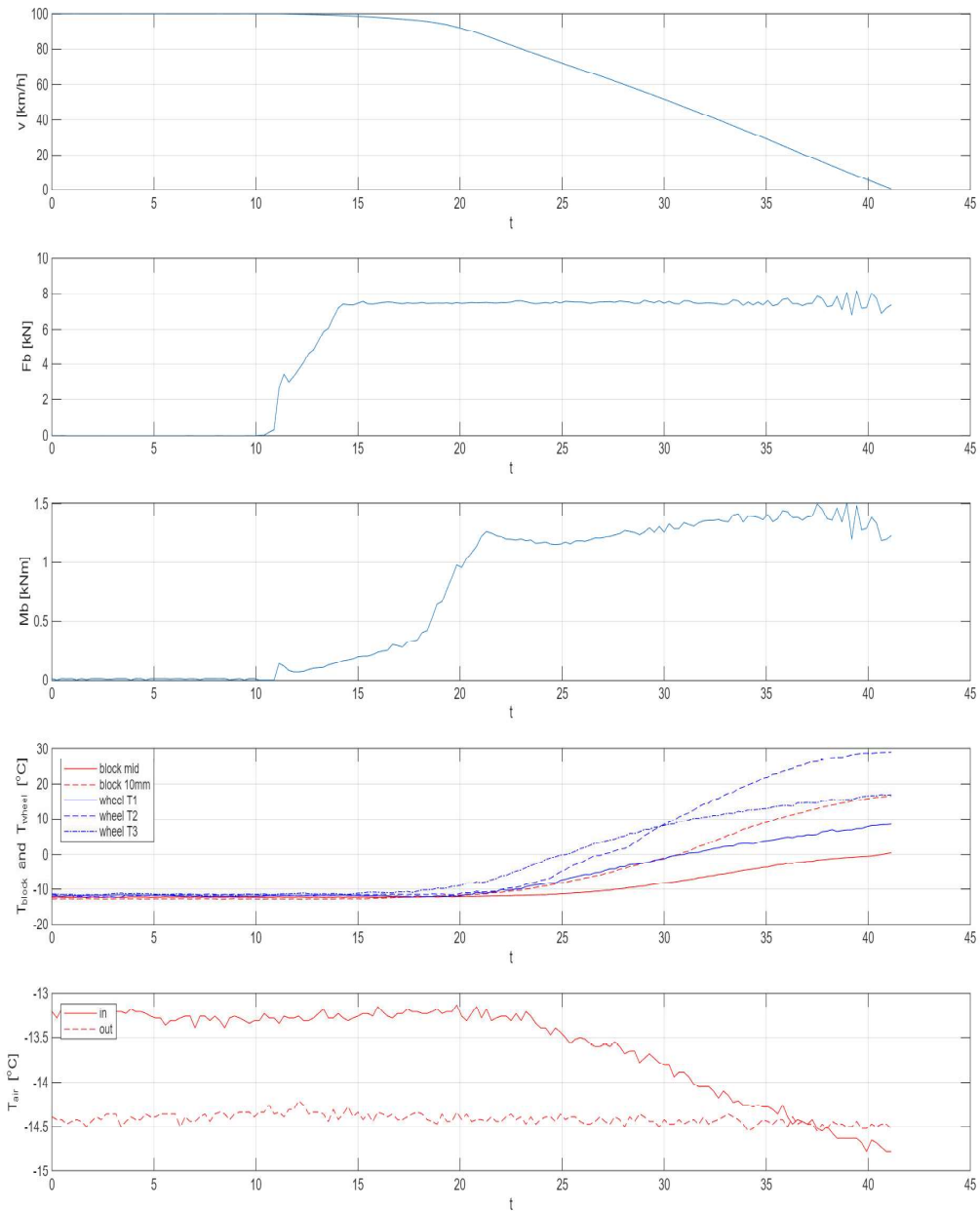


Figure 114. Measured data for C333 Snow 7.5kN, run 3, speed 100km/h

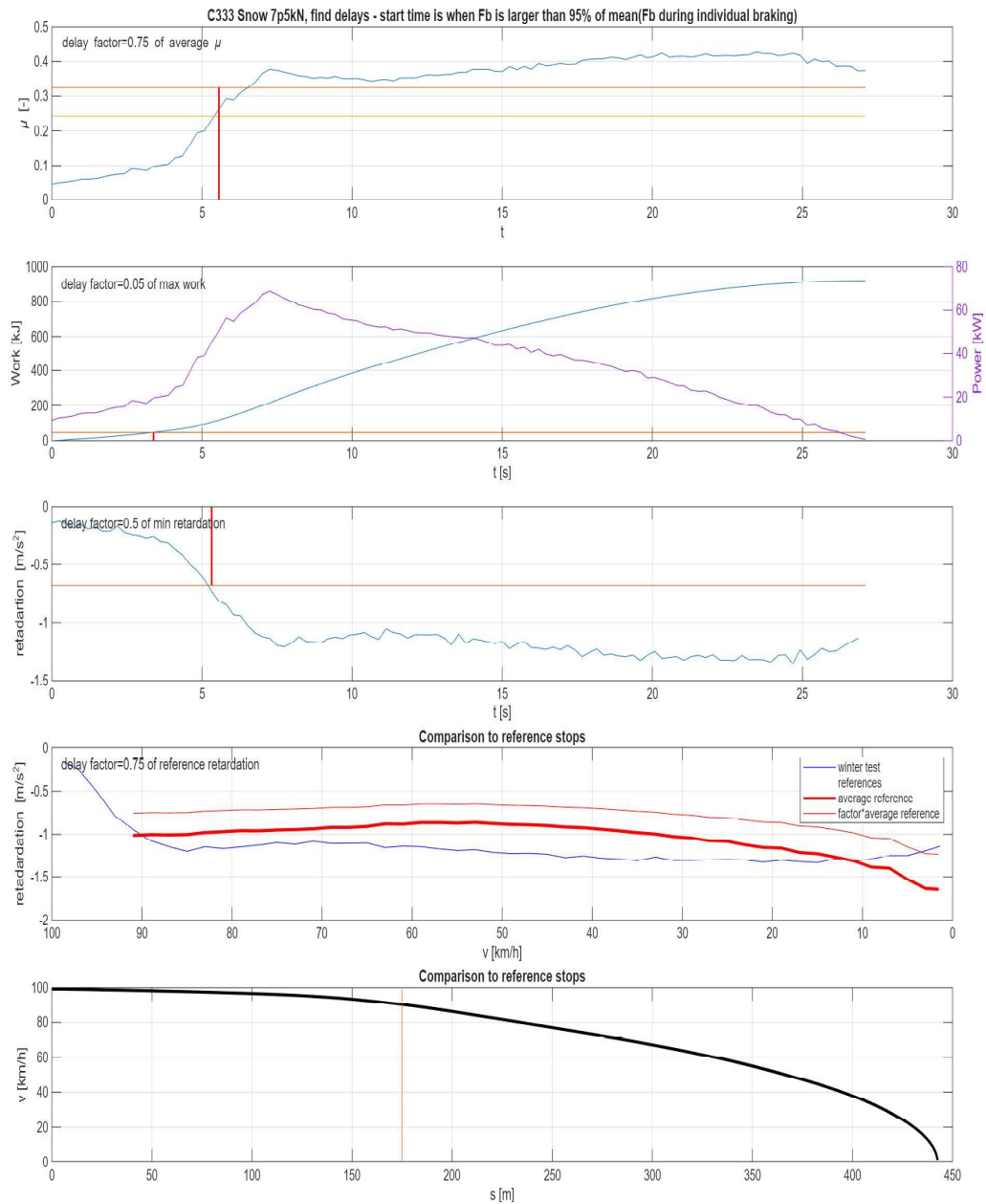


Figure 115. Calculated data and analysis for C333 Snow 7.5kN, run 3, speed 100km/h

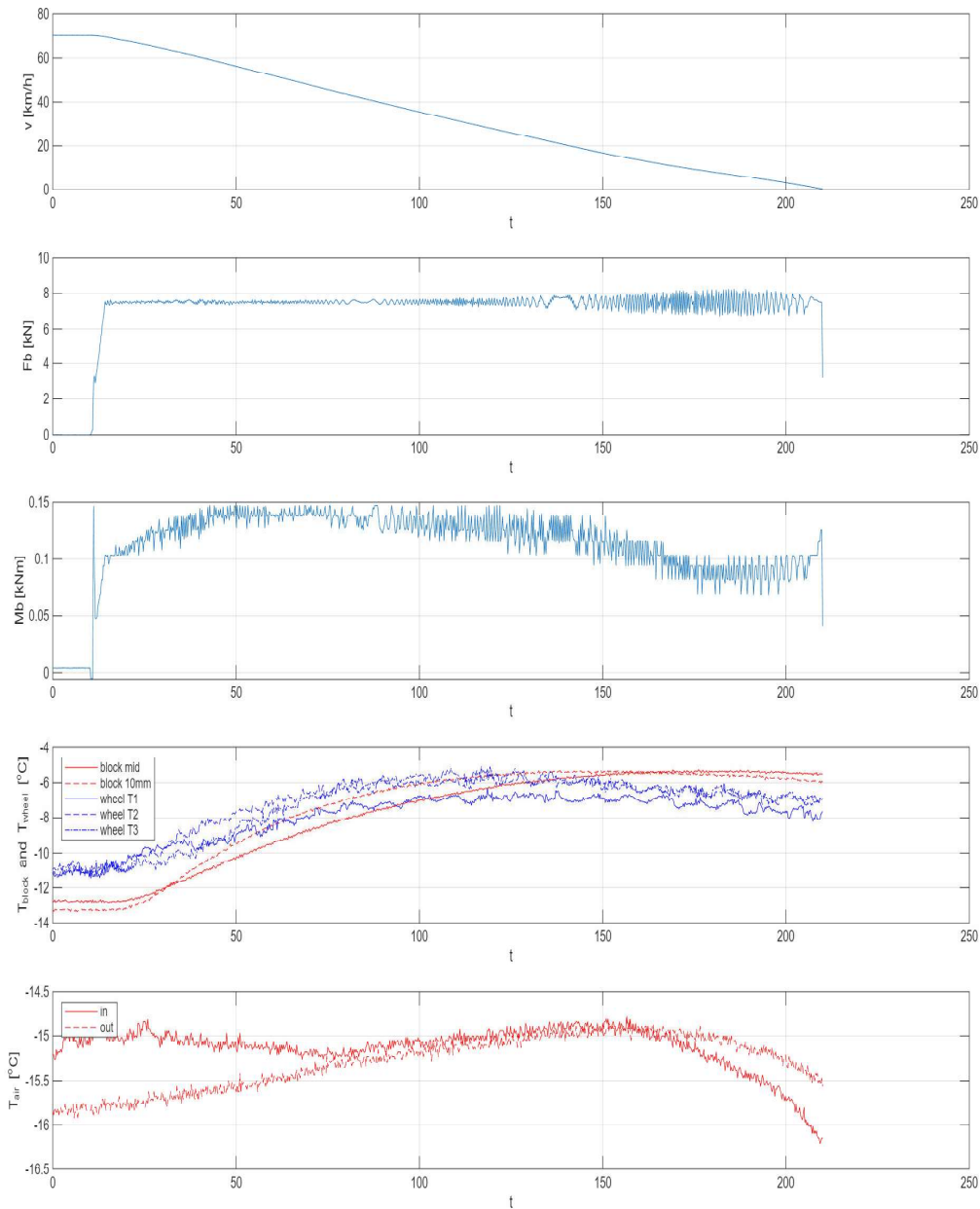


Figure 116. Measured data for C333 Snow 7.5kN, run 4, speed 70km/h

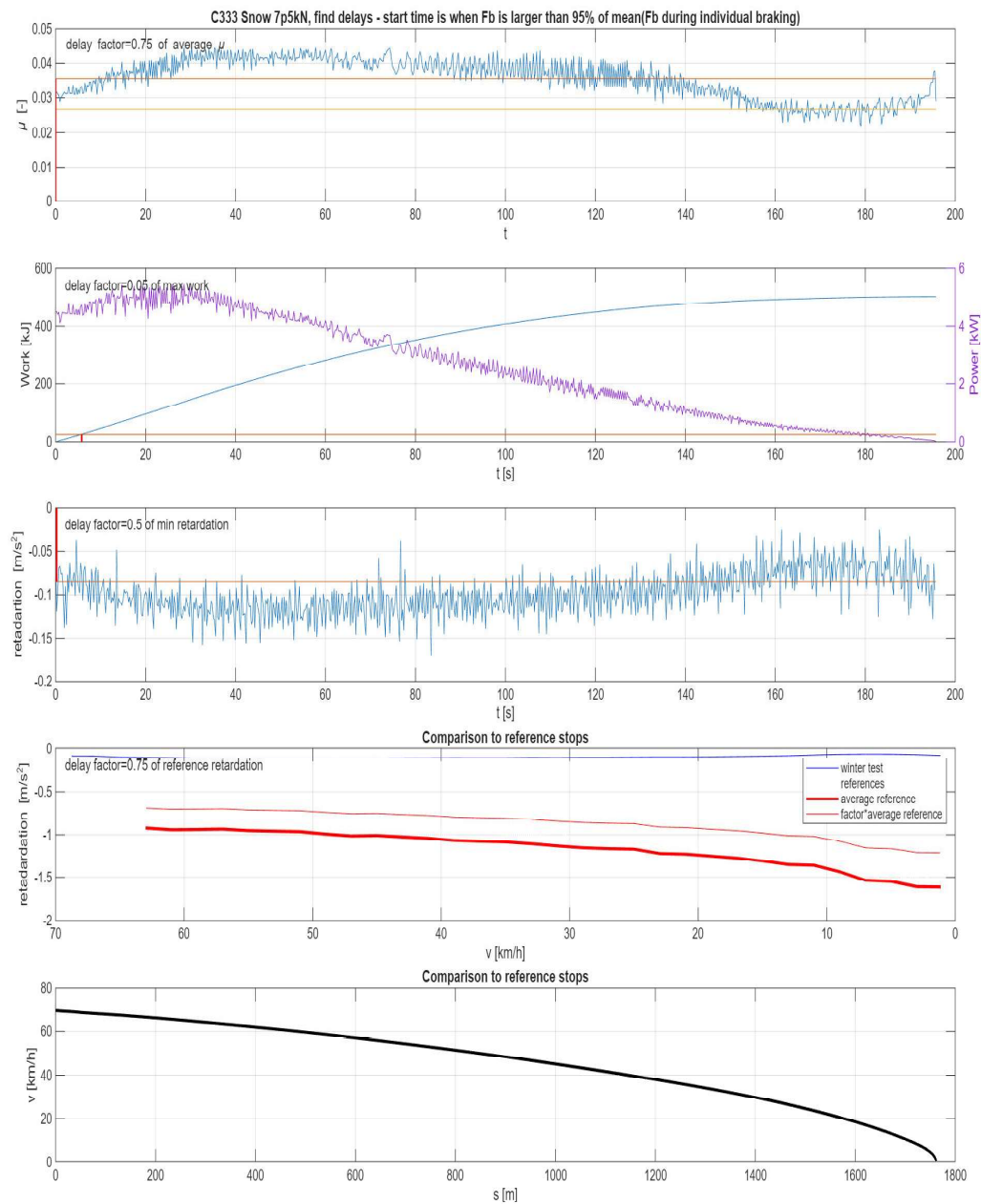


Figure 117. Calculated data and analysis for C333 Snow 7.5kN, run 4, speed 70km/h

Results for C333 Snow 7.5 kN Warm Conditioning

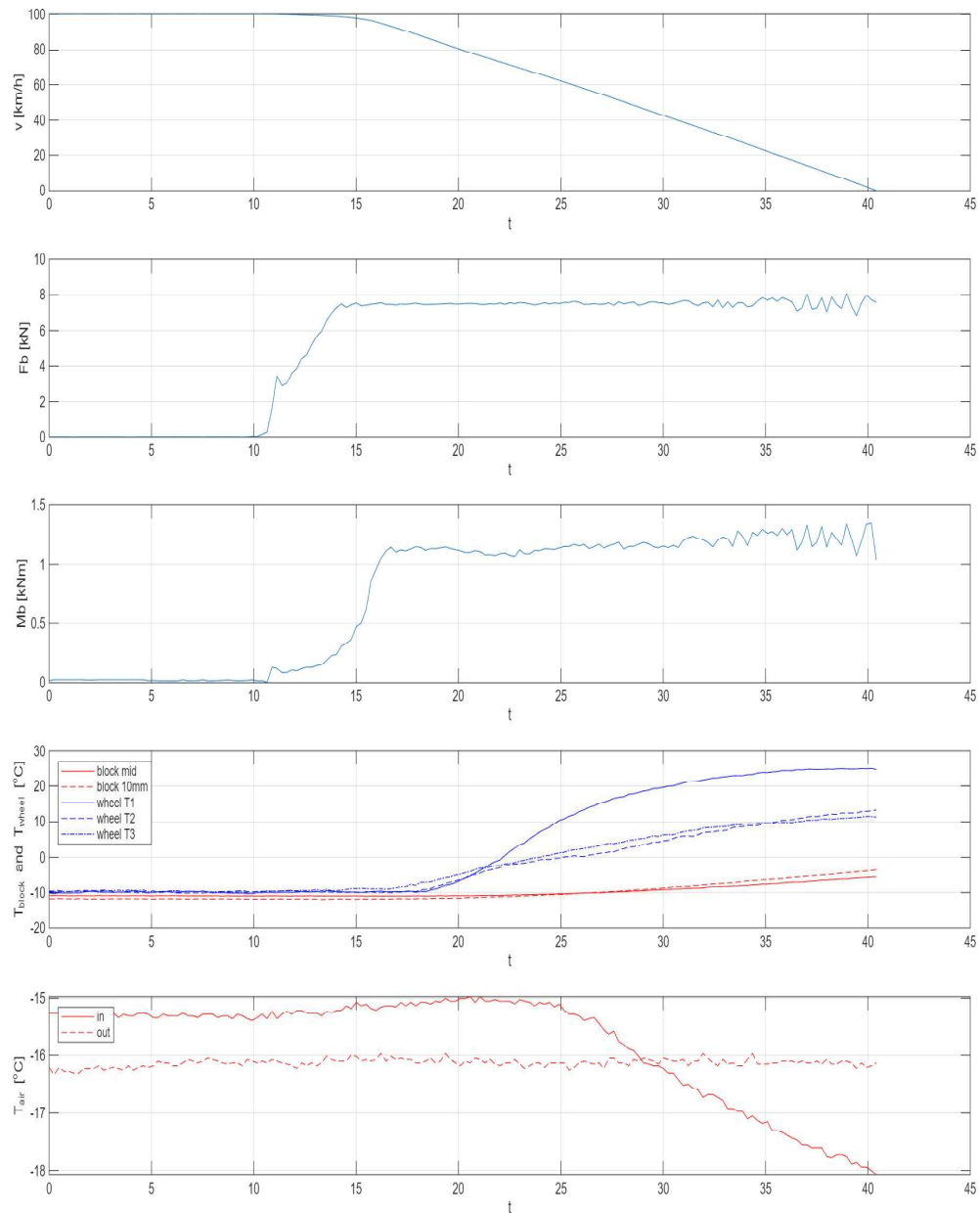


Figure 118. Measured data for C333 Snow 7.5 kN Warm Conditioning, run 1, speed 100km/h

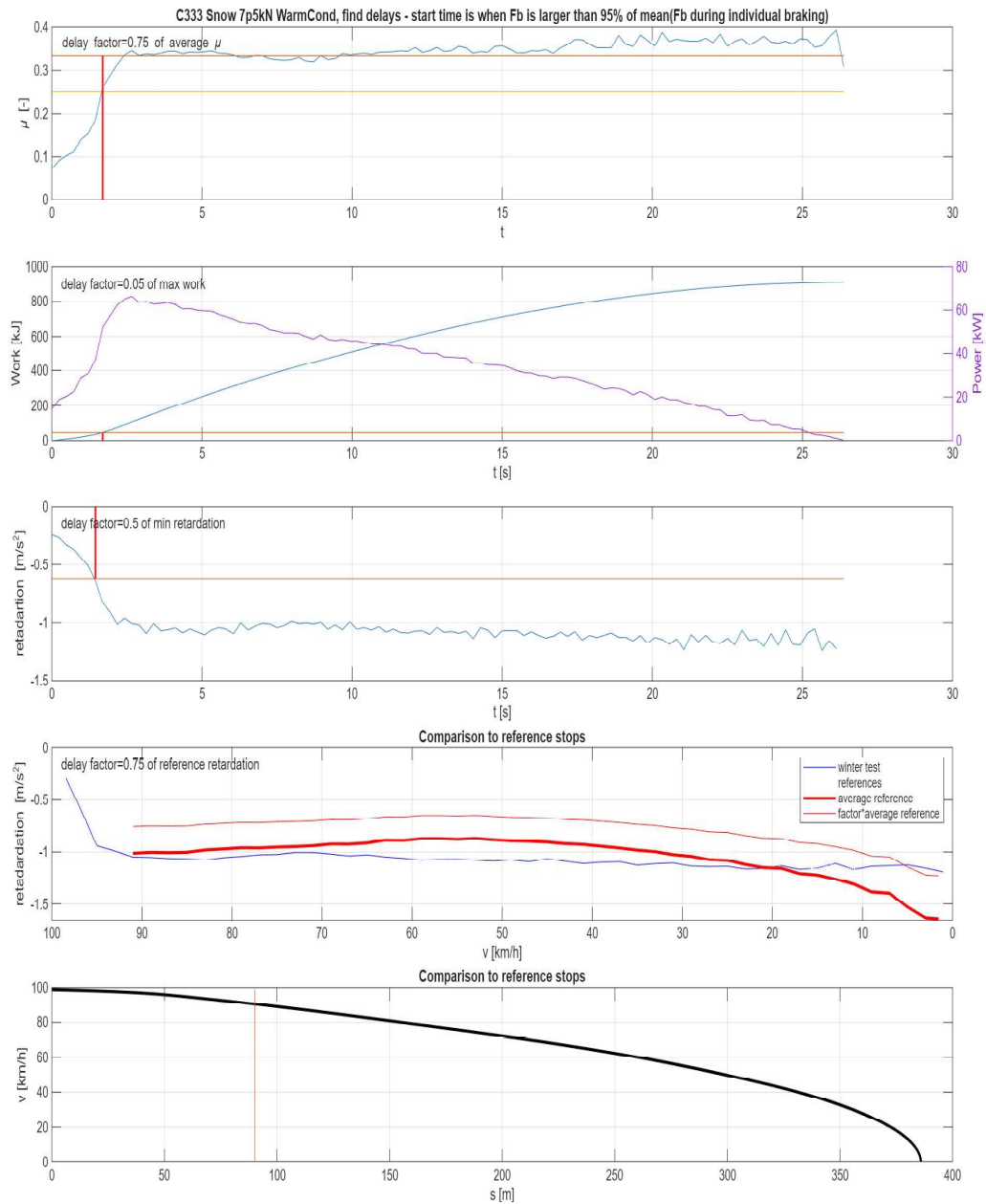


Figure 119. Calculated data and analysis for C333 Snow 7.5 kN Warm Conditioning, run 1, speed 100km/h

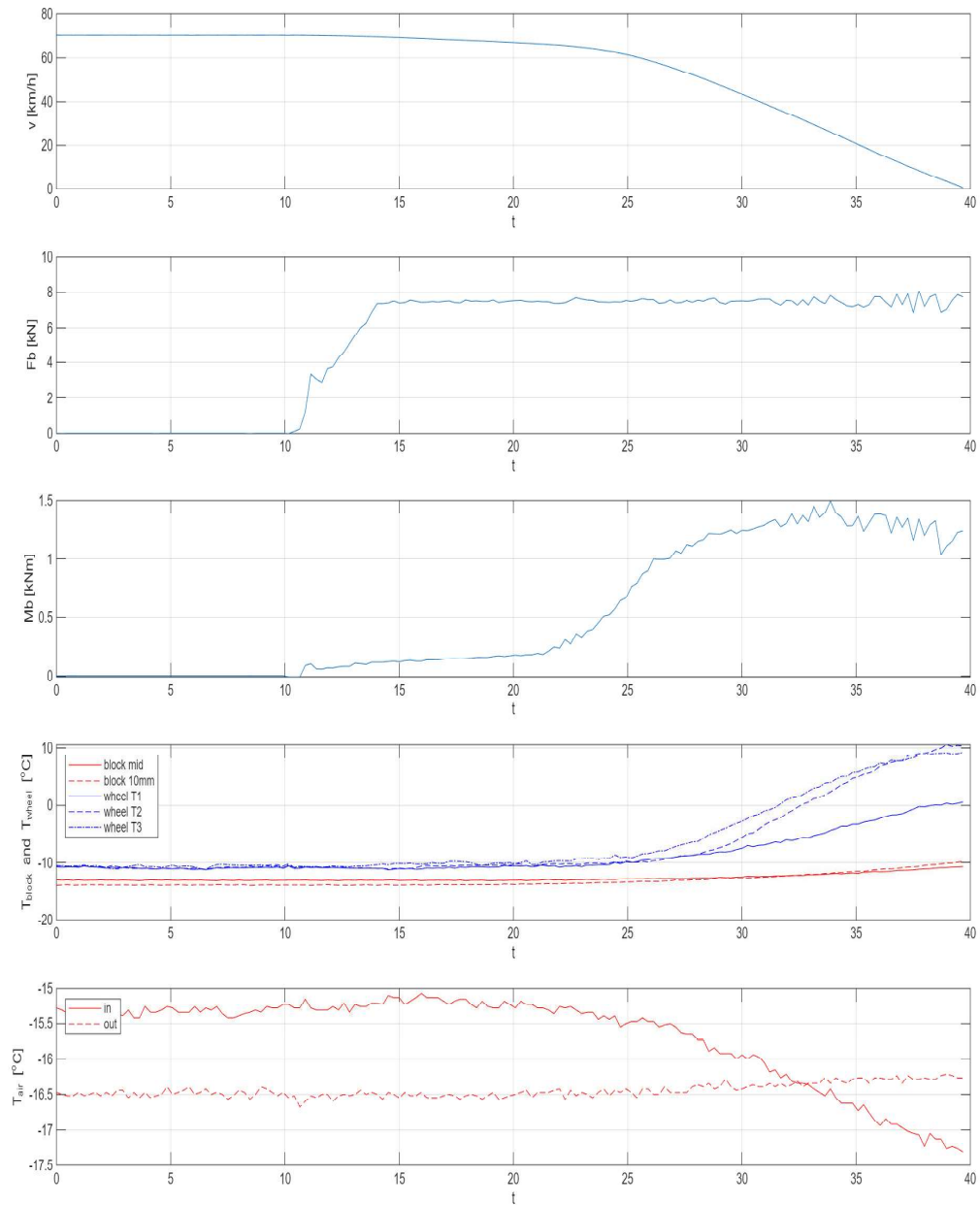


Figure 120. Measured data for C333 Snow 7.5 kN Warm Conditioning, run 2, speed 70km/h

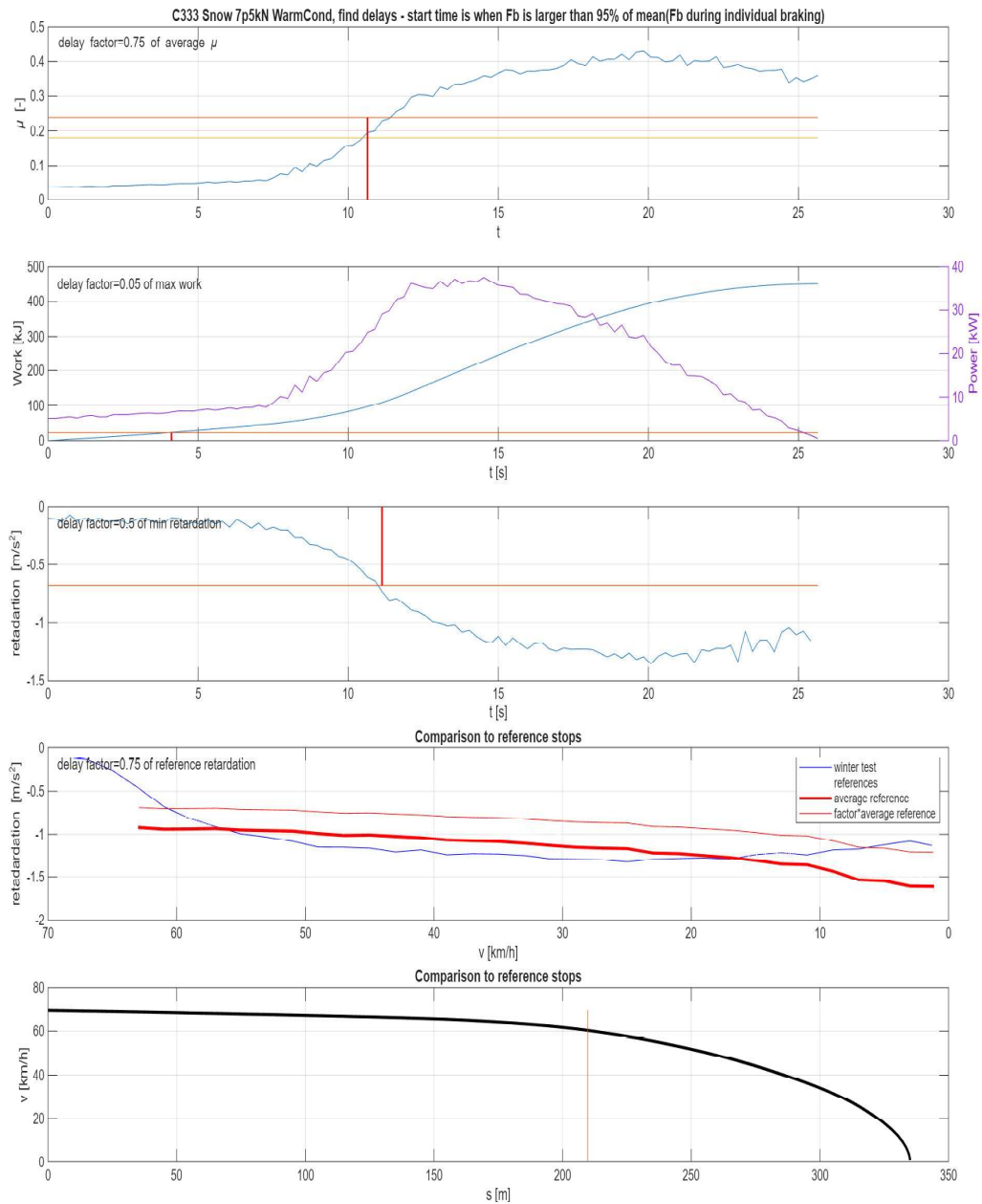


Figure 121. Calculated data and analysis for C333 Snow 7.5 kN Warm Conditioning, run 2, speed 70km/h

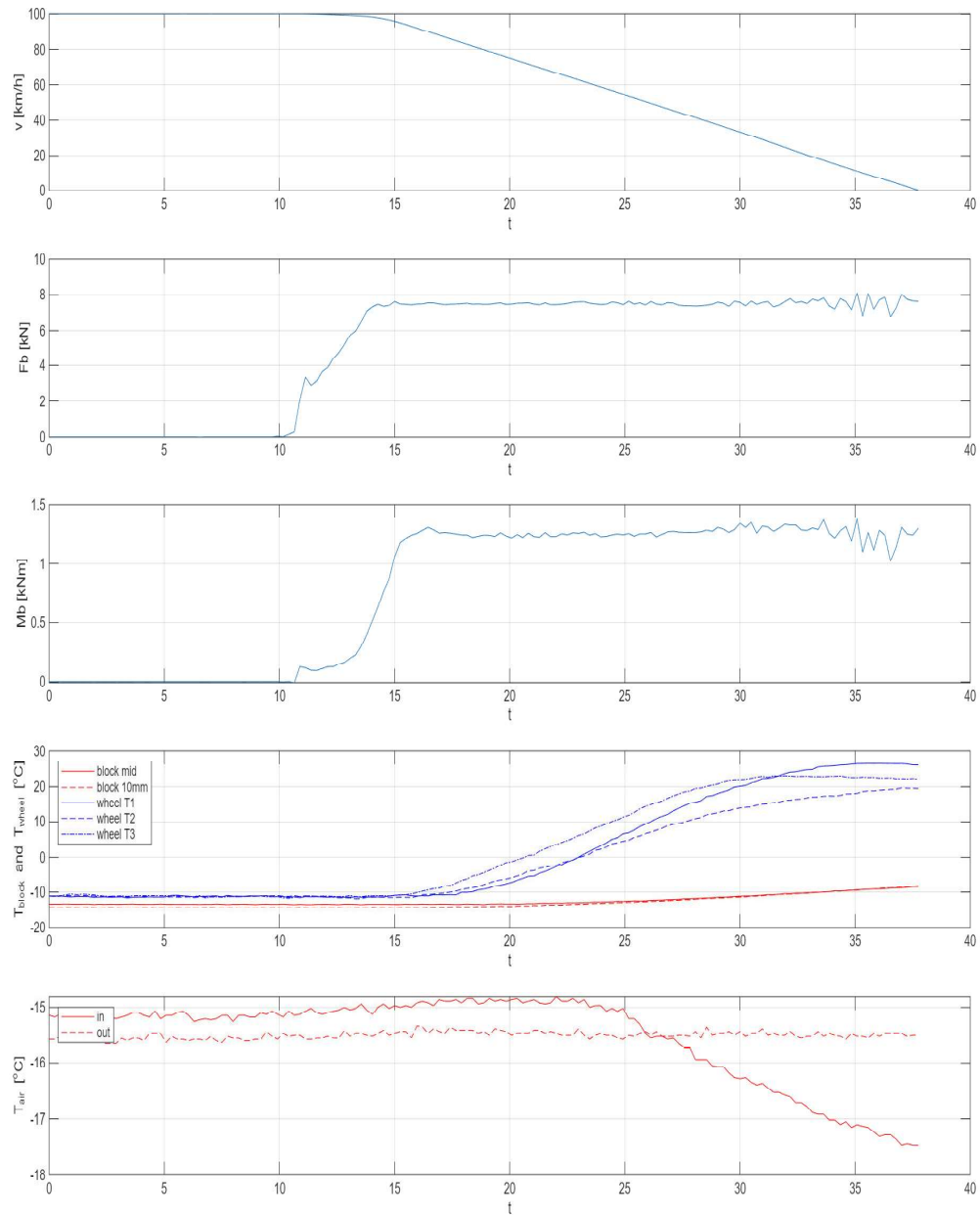


Figure 122. Measured data for C333 Snow 7.5 kN Warm Conditioning, run 3, speed 100km/h

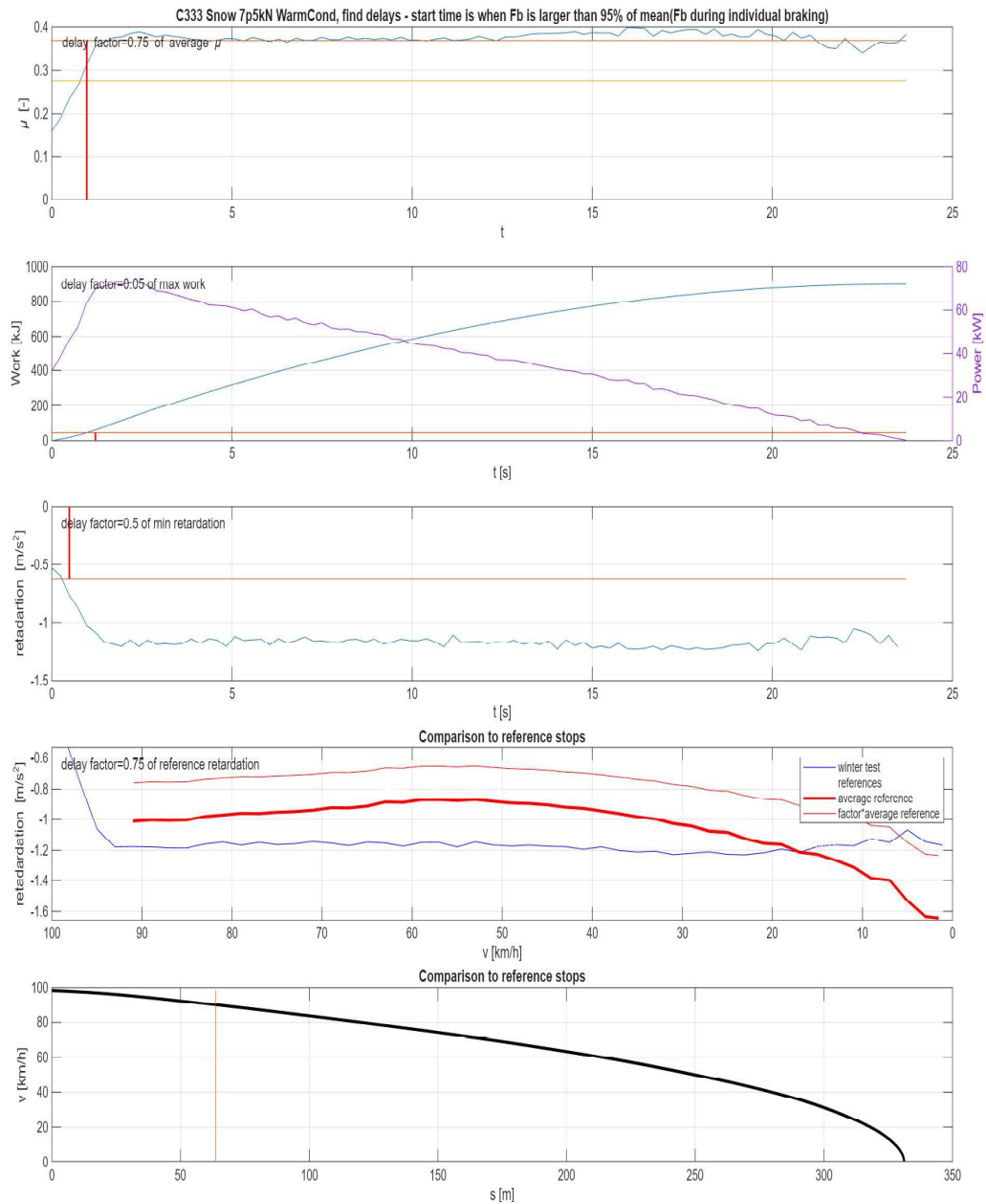


Figure 123. Calculated data and analysis for C333 Snow 7.5 kN Warm Conditioning, run 3, speed 100km/h

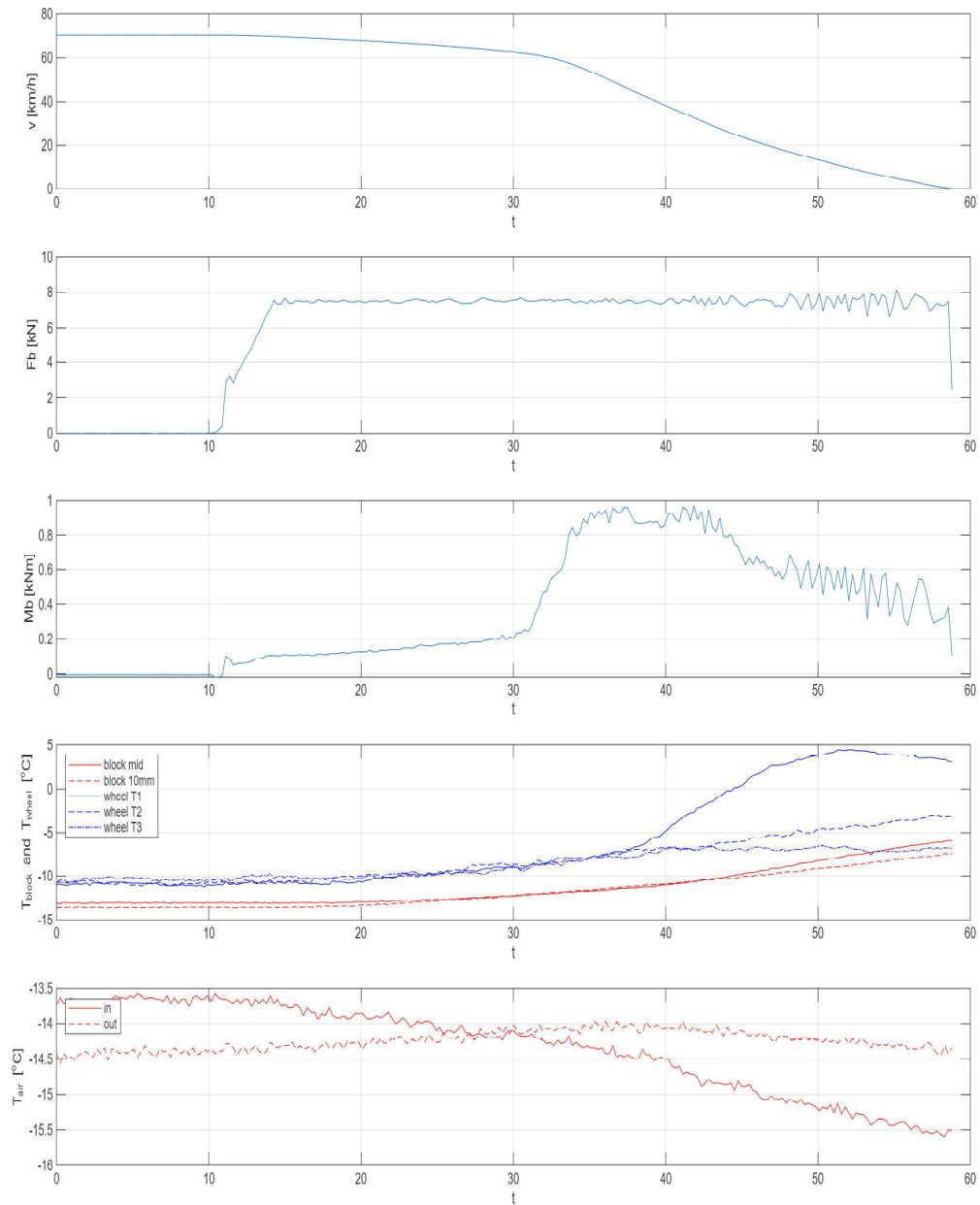


Figure 124. Measured data for C333 Snow 7.5 kN Warm Conditioning, run 4, speed 70km/h

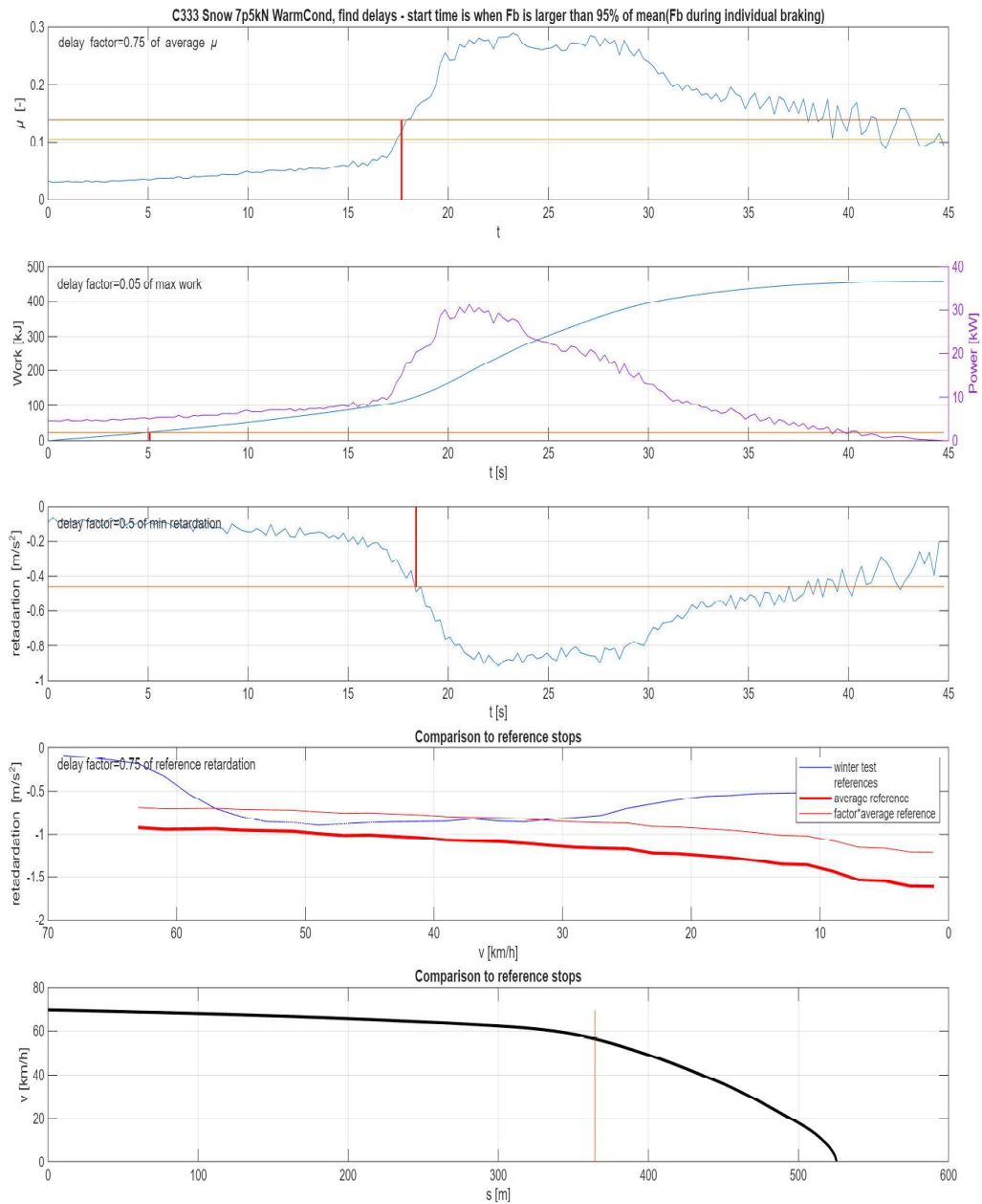


Figure 125. Calculated data and analysis for C333 Snow 7.5 kN Warm Conditioning, run 4, speed 70km/h