

Poster Session (P)

Poster Lunch (1)

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A SMALL AIT FLOW AND TEST SYSTEM STRUCTURE FOR SMALL SATELLITES

Abstract

Compare with traditional satellites, small satellite usually has the characteristics of rapid development ,testing and launch.Based on the traditional satellite AIT (assembly, integration and test) flow and test system structure,a new smart AIT flow and test system structure is designed for the small satellites,including the system modeling, the test sequences generations,the transaction schedules, the on-lined data interpretation and the test system structure for small satellite can improve development efficiency and shorten the research cycle obviously, while retaining the mature experience of the traditional satellites.