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STRUCTURE DESIGN, MANUFACTURING, AND TESTING OF THE SPACEANT-D POCKETQUBE-BASED TECHNOLOGY DEMONSTRATION SATELLITE

Abstract

This paper presents the design, manufacturing process and testing of the structure for SpaceANT-D, a technology demonstration satellite. SpaceANT-D is developed based on the PocketQube platform, sized $50 \, \mathrm{mm} \times 50 \, \mathrm{mm}$