

THE SUMMARY OF THE PROJECT WHICH IS DEVELOPING CUBE SATELLITE ON FEMTO CLASS INTENDED FUNDAMENTAL SPACE RESEARCHS

Since the first satellite was launched, artificial satellites become main fact of space investigates. Recent years ins space sector which is being very fastly, small satellites becoming more and more popular and payed attention. Nowadays cube satellites which is began as a student projecti are launched with important missions. The smallest form of those satellites are femto class which are rare in either our country or World. We worked on search and development complete thss lack and generate satellite platform in femto class. We tried to create the best desing possible by followşng up productions of people who are well informed about searching source and collecting data. In coding processwe gave effort to make work and success was our priority. Having an experimental camera is the most significant difference between our platform and others. It can collect more definite informations comparing with others about the aim of satellite, by using the camera as a star tracker. Our platform is called the smallest satellite incloude camera on date that our project was written.

Key Words: Femto Satellite, Small Satellite Subsytems, Embedded Systems, Star Tracker, Telemetry