



## Second Laureate Research & Development



**Project Title:** Design and implementation of digital point to point PDH radio links in 15GHz frequency range

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### Abstract:

Digital microwave radios play an important role in today's communication systems, especially when other ways of communication are difficult to implement. Typical application of this links is to be used as the communication bridge between the BTS s or BTS to BSS and other parts in a mobile network. Modern digital usually consist of an Indoor Unit (IDU) and an Outdoor Unit (ODU). Receiving and transmitting data in standard digital formats is done in the Indoor Unit, while the outdoor unit receives and transmits these data in microwave bands.

Fanamoj Company has invested in design and implementation of the microwave radio links. After producing various trial versions of the radio, the finalized version is being manufactured now.