One to underso anticities absorption, imports mechanical rigidity, and provide biocompatibility. The following standard will be utilized as a problem for evaluation and become antennak. AUTAL FORT - 10 timulard Specification for Polyconbuses Revie for Vieldord Applications. The observe optime will be mellikel in place from liquid choose formals a Office process officing a temperaty sugger (visc) to index for cellipset. Commercially evaluate method grade, and domains colleter will be used.

Injustion mobiling will prevent as an observative present taking preserve for higher volume production of the proop hornings. Durings and modificing of previous abanisms mobile will be accomplicated through a 5mic CNC milling preserve (capability previded by 5th Axis. Inc. Son Diago. CA). Injustion melling preserve a forweath for high volume plasts, put production. Successful copy of the Plane U.

Parage producing will be availabled for socioteses excitance and being term expresses to oil architectures made simulation is one conditions. Unlikition of operation will be availabled through long term sometime-to-dollars particements if devoted temperature (1¹⁴°C) and 100% beneatly. The ASTN DE20²⁴ - 11 Kinedeel Process for Tanting Water Revisions of Contings in 100% Rabetive Remainity will be applied. The parage levening and actuates will be associated to detact changes over time monoisted with diffusion loss, longerouspic water decemption is devoted to detact changes over time monoisted with diffusion loss, longerouspic water decemption in devo losse.

Production and testing of code and decadity. The prime's transmitting coll will encompose a period to digitally larger from a resoluted coge base and will be could to at land 1 mappeer of correct corrying cognity. The prime's and accountery code will be recently a visable gapments to here built to generate period and cogeoficially code will be recently and will be prime's period and opposite to the second state of will be recently a state of will be decaded by the second state of will be prime's period and compared to be and the second state of the second stat

The transmitting circuity will be applemented using meshed circuit based technology circuit to B within the base metrics, but estable the perimeter of the primery cold to reveal additablection and interference. The meaning circuity within the peng benezing will be block-and as a publicable the circuit technology (1.) and thick; and will etilize combined orders arened components. The according circuit will be wingged around the interval way to benezing and accordinated for anisotro pentection.

3.3 Objective 2A: Develop wireless controller hardware

The base station will use a plicitic machinese to hence the primary transmitting circuity and cell plotts avoids deathing effects and induction of addy constants within the machinese. Efficiency and prove empote of the transmitting circuit will be characterized by cambring the receiver circuit with a small high prove machinese is anise with the primary cell.

Current protected flavoigh primary will be automed and used to evaluated evanill officiency of the resonant circuit and binoing conditions. Privat output officiency will be calculated to the suggly privat input minuflav privat designtion in the Chro E driver and primary cold.

The visibles preve tensile performance will be calcined as follows using a test societience in series with a tensol monitring coil. These meconomisms will yield mercinemic prever tensile capability independent of the monitring circuit implementation.

- 1. Lisk mage (prive treache vs. dotease of secondary coll-
- 1. Fernation (press transfer to alignment augle of secondary coll-

Packetainess of the complete meaning circuity will account by

- 1. Current output homogenality or as how station florigotat
- 1. Validation of current regulation is under and e-st coupling regimes.