Power On

Power 230V

Delay 4 seconds

Power 12V

Delay 4 seconds

Measure 12V

Vcc < 10,4V or Vcc > 15,5V

Turn off 12V

11,0V < Vcc < 15,0V

Power 12V

Measure TX Temperature

TX Temperature > 60 deg Celcius

Tx Temperature < 55 deg Celcius

Measure Cabinet Temperature

Cabinet Temperature > 45 deg Celcius

Measure VSWR

VSWR < 1:3

VSWR > 1:3,0

Diagram Name	Description	Date	Revision
Repeater Control Monitoring Circuit	State Machine of an Arduino Microcontroller board which monitors signals and controls power and of the unattended repeater system	01. Sept 2014	1