



RF generator :

Expected characteristics :
 - Pout = [-70dBm; 10dBm]
 - Pout step = 0,1dB
 - Frequency = 0-5GHz

TBD :
 - out modulation ?

RF frequencymeter :

Expected characteristics :
 - Frequency = 0-5GHz
 - Resolution : < 1hz

TBD :
 - need RF-front-end ?
 - need prescaler

RF powermeter :

Expected characteristics :
 - Pin = [-70dBm; 10dBm]
 - Pout step = 0,1dB
 - Frequency = 0-5GHz

TBD :
 - need RF front-end ?

ESP32 :

Expected characteristics :
 - web server
 - very low measurement latency
 - integrated ADC : 12 bits

Miscellaneous:

- push button (BP) : LCD menu (IP address, fw and hw versions, etc...)

Power supply :

Expected characteristics :
 - input voltage : 220V/50z
 - low consumption (TBD)

LCD :

Expected characteristics :
 - I2C interface
 - 2 lines / 16 characters