



## Weekly Report 10

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**Dissertation:** Vital Helmet – Towards a sensorized helmet for First Responders

**Supervisor:** Associate Professor (with “Agregação”) João Paulo Cunha

**Week:** 04-05-2015 to 10-05-2015

### Development:

- Test the PCB;

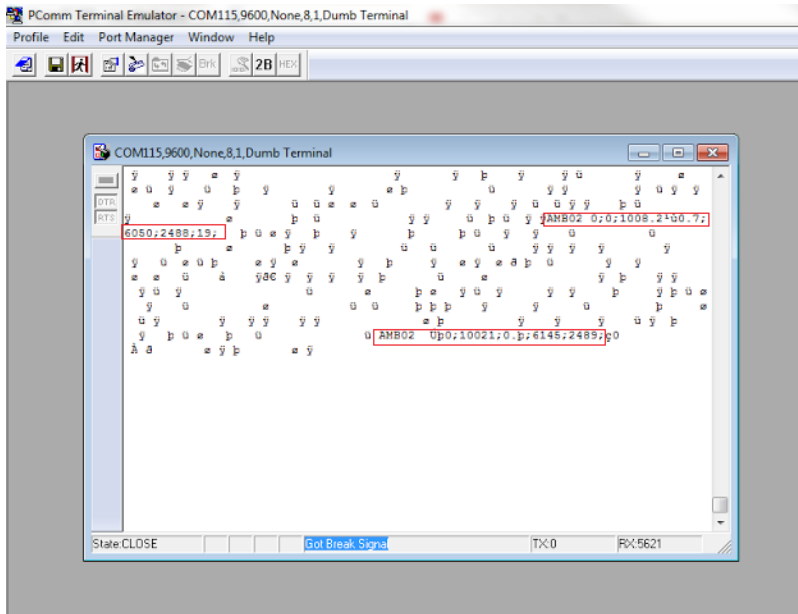
The expected output is in the following figure.

## Environment unit

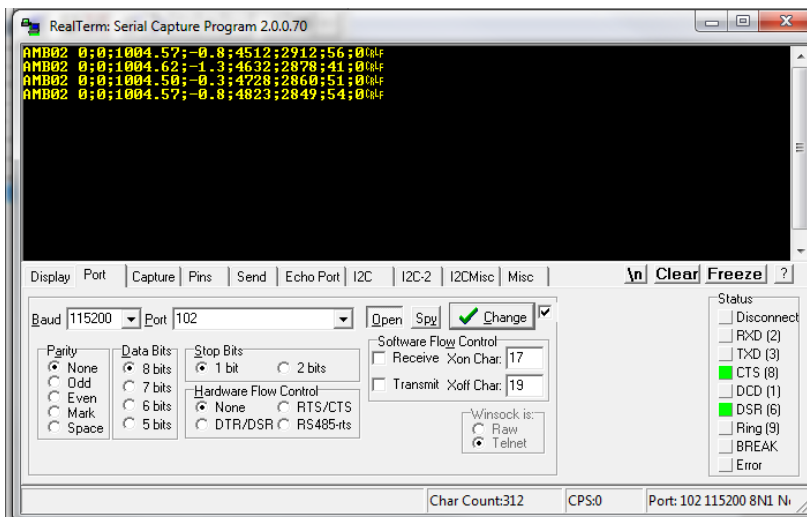
AMB01 0;0;1018.06;0;5506;2349;33;65

Identif	NO2 (ppm)	CO (ppm)	Pressure (hPa)	Alt. (m)	Humidity (% x 100)	Temperature (°C x 100)	Luminosity (%)	Battery volt (%)
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## Results:



Test 1: Reading directly from the pic, since the Bluetooth was not working;



Test 2: Reading from the Bluetooth

## Conclusions:

- Gas and battery measurement is not working;