



MobileViewpoint

Tune up procedure AgileR 2.0

Software Version: 1.11.x and higher

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1. TUNE UP PROCEDURE OF THE AGILE 2.0R

The AgileR contains 6 modems made by Sierra Wireless. The specific type used is MC7354. The MC7354 is general purpose module made for different radio technologies but in the AgileR we only use LTE the bands:

- B2 (1900 Mhz),
- B4 (AWS) (1700/2100 MHz)
- B5 (850 MHz),

The maximum power levels on all these bands is:

- 22 dBm

The selection of these bands takes places in two steps:

- Installation of the specific firmware provided by Sierra wireless in the factory. At this moment we use firmware SWI9X15C_05.05.16.02 r21040 carmd-fwbuild1 2014/03/17 23:49:48. This guarantees the modems will only work in the named bands B2, B4 and B5.
- In the software we specify by AT commands we only attach on LTE and not on 3G. The specific command is named RAT which stand for Radio Access Technology

Because of the nature of the modems and LTE network technology we cannot tune anything else apart from enforcing LTE technology only.

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01 February 2016