



## Technical Note GPS initialization with FX100

Paris, April, 2013

Dear Partner,

Samples of FX100 have been distributed for Beta customers. GPS functionality is part of the product. To fully use it, we advise to connect an active GPS antenna on FX100.

To enable the power supply of the active antenna, a GPIO available on FX100 can be used. GPIO44 availability will be checked using commands AT+WIOM=3 and AT+WIOM=2

Using F/W R7.50A2 and location plugin 1.43 or further for FX100

```
AT+WOPEN=1
AT+WIOM=1,"GPIO44",1           // enable usage GPIO44 as output
AT+WIOW="GPIO44",1           // set GPIO44
AT+GPSINIT=2                   // start GPS operation
AT+GPSNMEA?
AT+GPSSTART=2
```

Best Regards  
Sierra Wireless EMEA FAE Team