

# Temperature

## Signed magnitude representation

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Confidential Only for SIGFO

Model	F/W
EVBSFM20R	V300

- Temperature Sensor
  - Signed magnitude representation
  - Min : - 30 'C
  - Max : 80 'C

Sensor	Type	temperature a	temperature b	Comment
TMP	Positive(+)	35	45	ex) 35.45
	Negative(-)	148 (0x80 + 20)	129 (0x80 + 01)	ex) -20.01 'C
		128 (0x80 + 0)	178 (0x80 + 50)	ex) -0.50 'C

0x80 : 1000 0000

Refer to the Sigfox\_Data\_LayOut.txt file for sigfox data layout.