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# COVER LETTER

**HOM-RF-07-00014-LDL**

Référence primaire

**A0**

Ind.

Description :

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# Contents

1	Object.....	3
2	Documents.....	3
2.1	Applicable documents .....	3
2.2	Reference documents.....	3
2.3	Terminology & abbreviations.....	3
2.3.1	Terminology.....	3
2.3.2	Abbreviations.....	3
3	Tire watch-Wus fonctional description.....	4
3.1	Fonctional description.....	4
3.2	Request homologation.....	4

## 1 OBJECT

## 2 DOCUMENTS

### 2.1 Applicable documents

index	Primary Reference	Title	§ referenced Doc.	§ User
[DA1]			-	-
[DA2]			-	-
[DA3]			-	-

### 2.2 Reference documents

index	Primary Reference	Title	§ Referenced Doc.	§ User
[DR1]			-	-

### 2.3 Terminology & abbreviations

#### 2.3.1 Terminology

Not relevant.

#### 2.3.2 Abbreviations

WUS	Wheel Unit Sensor
DAC	Digital analog converter
RF	Radio Frequency
FSK	Frequency shift keying
µC	Micro Controleur
PCB	Printed Circuit Boards
DSP	Display

### 3 TIRE WATCH-WUS FONCTIONAL DESCRIPTION

#### 3.1 Fonctional description

The tireWatch-wus is a high technology system, which informs you real time of tires pressure and temperature. Thus, it allows you be alerted in the event of damage, slow leakage or puncture.

TireWatch-wus helps you to improve: your safety ( visual alarm as soon as problem tracked down ), your performances ( better handling and better braking ), your budget ( economy on average in 8% of fuel and increase about 20% of the life expectancy of your tires ). The installation is simple and fast, in less than one minute bu naked rim.

#### 3.2 Request homologation for WUS ( wheel unit sensor )

It is a request of class 1, for a marketing of the WUS in the USA and Canada.