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SEONG JI INDUSTRIAL CO., LTD



Wisol IoT BU is redesigned to SeongJi.



# Sigfox Verified (P1) Certification Number 1st page of Test Result

20<sup>th</sup> , July, 2020

# WSSFM10R1AT(RC1, RC6, RC7)



Wisol IoT BU is redesigned to SeongJi.



## Sigfox Verified™ Certificate

M\_0042\_FDF8\_01

Congratulations Seongji, the following product is now Sigfox Verified™ certified:



PRODUCT MODEL NAME: .....	SFM10R1
RADIO CONFIGURATION: .....	RC1, RC6, RC7
TEST REPORT: .....	CERTIF-120_RCZ1_DL, 65173RSF..002, 65173RSF..003
LAYOUT VERSION: .....	V0.62
SCHEMATIC VERSION: .....	V0.6
BOM VERSION: .....	V0.6
FIRMWARE VERSION: .....	AX-Sigfox 1.12-ETSI
SIGFOX LIB: .....	V1.8.9 - no add-on
MESSAGE ROLLOVER COUNTER: ..	4096
SIGFOX REFERENCE: .....	BUIL-904
CERTIFICATION DATE: .....	16/07/2020
SIGFOX FEATURES:	
DOWNLINK.....	✓
PAYLOAD ENCRYPTED.....	✗
MONARCH.....	✗

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425 rue Jean Rostand, 31670 Labège, FRANCE  
[www.sigfox.com](http://www.sigfox.com)

Rev1.0

# WSSFM10R2AT



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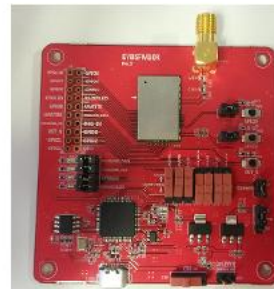
## SIGFOX RF MODEM QUALIFICATION


REF: CERTIF-96\_RCZ2\_DL  
QUALIFICATION: M\_0042\_3F16\_01  
DATE: 12/08/2016

## SIGFOX RF MODEM QUALIFICATION

Wisol

REF DESIGN : V3  
FIRMWARE: V1.1.2  
SIGFOX LIB: 1.8.7



		NAME	DATE
	AUTHOR	CELINE ROCHE	12/08/2016
	REVIEW	STEVE HAMARD	12/08/2016
	APPROVAL	<b>APPROVED</b> OUTPUT POWER MEASURED: 21.20 dBm RX SENSITIVITY: -127 dBm	12/08/2016

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## Sigfox Verified™ Certificate

M\_0042\_9D8D\_01

Congratulations WISOL, the following product is now Sigfox Verified™ certified :



**MODULAR DESIGN :** SFM11R3 : SFM11R3000  
**TYPE :** RC3C UPLINK AND DOWNLINK  
**LAYOUT :** 0.62  
**SCHEMATIC VERSION :** 0.2  
**BOM :** 0.2  
**FIRMWARE :** AX-SIGFOX 1.1.0-RCZ3  
**SIGFOX LIB :** UDL1-1.8.9, NO ADDON  
**TEST REPORT :** CORP-15516  
**CERTIFICATION DATE :** JANUARY 28, 2019

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# WSSFM10R4AT



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 sigfox	SIGFOX RF MODEM QUALIFICATION		REF: CERTIF-119_RCZ4_DL
			QUALIFICATION: M_0042_6128_01
			DATE: 12/09/2016

SIGFOX RF MODEM QUALIFICATION

Wisol

REF DESIGN : V2  
FIRMWARE: V1.1.2  
SIGFOX LIB: 1.8.7



		NAME	DATE
	AUTHOR	CELINE ROCHE	12/09/2016
	REVIEW	STEVE HAMARD	12/09/2016
	APPROVAL	<b>APPROVED</b> <b>OUTPUT POWER MEASURED: 23 dBm</b> <b>RX SENSITIVITY: -127 dBm</b>	12/09/2016

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# WSSFM11R2DAT



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	SIGFOX RF MODEM QUALIFICATION	REF: CORP-5236_RCZ2_UDL
		QUALIFICATION: M_0042_EC1A_01
		DATE: 06/01/2017

SIGFOX RF MODEM QUALIFICATION

Wisol

MODULE :WSSFM11R2D: SFM11R2D Rev 0.2  
FIRMWARE: AX-SIGFOX 1.1.2-FCC  
SIGFOX LIB: 1.8.7



		NAME	DATE
	AUTHOR	CELINE ROCHE	05/24/2017
	REVIEW	STEVE HAMARD	05/29/2017
	APPROVAL	<b>APPROVED</b> OUTPUT POWER MEASURED: 21.8dBm RX SENSITIVITY: -127dBm	06/01/2017

	SIGFOX RF MODEM QUALIFICATION	REF: CORP-4615_RCZ4_UDL
		QUALIFICATION: M_0042_EC1A_01
		DATE: 06/01/2017

SIGFOX RF MODEM QUALIFICATION

Wisol

MODULE :WSSFM11R2D: SFM11R2D Rev 0.2  
FIRMWARE: AX-SIGFOX 1.1.2-FCC  
SIGFOX LIB: 1.8.7



		NAME	DATE
	AUTHOR	CELINE ROCHE	05/24/2017
	REVIEW	STEVE HAMARD	06/01/2017
	APPROVAL	<b>APPROVED</b> OUTPUT POWER MEASURED: 21.8dBm RX SENSITIVITY: -127 dBm	06/01/2017



# WSSFM20R1AT & WSSFM60R1AT (Same Number)



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## SIGFOX RF MODEM QUALIFICATION

REF: CORP-3559\_RCZ1\_UDL  
QUALIFICATION: M\_0042\_FDF8\_01  
DATE: 03/27/2017

## SIGFOX RF MODEM QUALIFICATION

## WISOL

REF DESIGN : 1.0 EVB VERSION  
FIRMWARE: AX-SIGFOX 1.1.2-ETSI  
SIGFOX LIB: 1.8.7



		NAME	DATE
	AUTHOR	CELINE ROCHE	03/24/2017
	REVIEW	STEVE HAMARD	03/24/2017
	APPROVAL	<b>APPROVED</b> <b>OUTPUT POWER MEASURED: 12 dBm</b> <b>RX SENSITIVITY: -125 dBm</b>	03/27/2017

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# WSSFM20R2AT & WSSFM60R2AT (Same Number)



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	<b>SIGFOX RF MODEM QUALIFICATION</b>	REF: CORP-3560_RCZ2_UDL
		QUALIFICATION: M_0042_3F16_01
		DATE: 03/30/2017

SIGFOX RF MODEM QUALIFICATION

Wisol

REF DESIGN : 1.0 EVB VERSION  
FIRMWARE: AX-SIGFOX 1.1.2-FCC  
SIGFOX LIB: 1.8.7



		NAME	DATE
	AUTHOR	CELINE ROCHE	03/24/2017
	REVIEW	STEVE HAMARD	03/24/2017
	APPROVAL	APPROVED OUTPUT POWER MEASURED: 21 dBm RX SENSITIVITY: -127 dBm	03/30/2017

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# WSSFM20R3AT & WSSFM60R3AT (Same Number)



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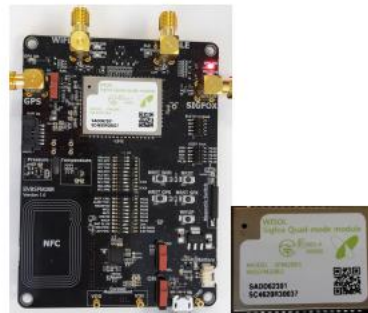
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	SIGFOX RF MODEM QUALIFICATION	REF: CORP-4616_RC3A_UDL
		QUALIFICATION: M_0042_9D8D_01
		DATE: 06/01/2017

SIGFOX RF MODEM QUALIFICATION

Wisol

REF DESIGN :WSSFM20R3: REV 1.0  
FIRMWARE: AX-SIGFOX 1.1.0-RCZ3  
SIGFOX LIB: 1.8.9



		NAME	DATE
	AUTHOR	CELINE ROCHE	05/23/2017
	REVIEW	STEVE HAMARD	05/23/2017
	APPROVAL	APPROVED OUTPUT POWER MEASURED: 13.3 dBm RX SENSITIVITY: -126 dBm	06/01/2017

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# WSSFM20R4AT & WSSFM60R4AT (Same Number)



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	<b>SIGFOX RF MODEM QUALIFICATION</b>	REF: CORP-3564_RCZ4_UDL
		QUALIFICATION: M_0042_6128_01
		DATE: 03/30/2017

SIGFOX RF MODEM QUALIFICATION

**WISOL**

REF DESIGN : 1.0 EVB VERSION  
FIRMWARE: V1.1.2  
SIGFOX LIB: 1.8.7



		NAME	DATE
	AUTHOR	CELINE ROCHE	03/29/2017
	REVIEW	STEVE HAMARD	03/29/2017
	APPROVAL	<b>APPROVED</b> OUTPUT POWER MEASURED: 21 dBm RX SENSITIVITY: -127 dBm	03/30/2017

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# SRM100A



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## Sigfox Verified™ Certificate

M\_008B\_1A9C\_01

Congratulations Seongji, the following product is now Sigfox Verified™ certified:



PRODUCT COMMERCIAL NAME: ...	WSSRM100A
PRODUCT MODEL NAME: .....	SRM100A
RADIO CONFIGURATION: .....	RC1 to RC7 MONARCH
TEST REPORT: .....	CORP_20618_RC1_UDL_ENC_MON
LAYOUT VERSION: .....	Rev1.1
SCHEMATIC VERSION: .....	Rev1.1
BOM VERSION: .....	Rev1.1
FIRMWARE VERSION: .....	MCU_API V1.6.1 RF_API V2.5.1.0MONARCH_API V1.1.0SRM100_4_V101
SIGFOX LIB: .....	LIB V2.8.0_FDL_MON ADDON V0.6.0
SIGFOX REFERENCE: .....	CORP-20618
CERTIFICATION DATE: .....	27/03/2020

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## Sigfox Verified™ Certificate

### M\_008B\_860B\_01

Congratulations SEONGJI, the following product is now Sigfox Verified™ certified:



**PRODUCT COMMERCIAL NAME:**... SRM200A  
**PRODUCT MODEL NAME:**..... SRM200A  
**RADIO CONFIGURATION:**..... RC1 RC2 RC3 RC4 RC5 RC6 RC7  
**MESSAGE ROLLOVER COUNTER:**.. 4096  
**TEST REPORT:**..... CORP-20560, 65173RSF..001  
**LAYOUT VERSION:**..... v1.4  
**SCHEMATIC VERSION:**..... v1.41  
**BOM VERSION:**..... v1.41  
**FIRMWARE VERSION:**..... v1.0.0  
**SIGFOX LIB:**..... V2.8.0\_FDL\_MON & 0.6.0\_FDL\_MON  
**SIGFOX REFERENCE:**..... BUIL-706/905  
**CERTIFICATION DATE:**..... 09 July 2020  
**SIGFOX FEATURES:**

**DOWNLINK:**..... ✓  
**PAYLOAD ENCRYPTED:**..... ✓  
**MONARCH:**..... ✓

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# Thanks