

TCB

**GRANT OF EQUIPMENT
AUTHORIZATION**

TCB

**Certification
Issued Under the Authority of the
Federal Communications Commission**

By:

**AT4 wireless S.A.U.
Parque Tecnologico de Andalucia, Calle
Severo Ochoa 2 y 6
Malaga, 29590
Spain**

Date of Grant: 10/19/2016

Application Dated: 09/30/2016

**Libelium Comunicaciones Distribuidas S.L.
Calle Escatron, 16
Edificio Libelium
Zaragoza, 50014
Spain**

Attention: David Gascon , Mr

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: XKM-WPS-4G-V1
Name of Grantee: Libelium Comunicaciones Distribuidas S.L.
Equipment Class: Part 15 Class B Computing Device Peripheral
Notes: Wireless sensor node for the Internet of Things

Grant Notes

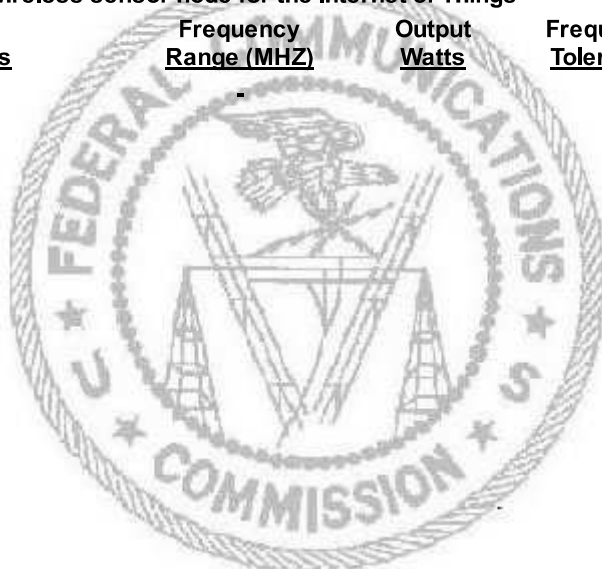
FCC Rule Parts
15B

Frequency
Range (MHZ)

Output
Watts

Frequency
Tolerance

Emission
Designator



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FCC IDENTIFIER: XKM-WPS-4G-V1
Name of Grantee: Libelium Comunicaciones Distribuidas S.L.
Equipment Class: PCS Licensed Transmitter
Notes: Wireless sensor node for the Internet of Things

Table with 6 columns: Grant Notes, FCC Rule Parts, Frequency Range (MHZ), Output Watts, Frequency Tolerance, Emission Designator. It lists various frequency bands and their corresponding emission designators.

27	1715.0 - 1750.0	0.1803	1.0 PM	9M01G7W
27	1715.0 - 1750.0	0.1766	1.0 PM	8M89D7W
27	1720.0 - 1745.0	0.18113	1.0 PM	17M9G7W
27	1720.0 - 1745.0	0.19454	1.0 PM	18M0D7W
24E	1852.5 - 1907.5	0.19815	1.0 PM	4M50G7W
24E	1852.5 - 1907.5	0.18793	1.0 PM	4M51D7W
24E	1855.0 - 1905.0	0.18155	1.0 PM	9M01G7W
24E	1855.0 - 1905.0	0.18323	1.0 PM	8M97D7W
24E	1860.0 - 1900.0	0.1803	1.0 PM	17M9G7W
24E	1860.0 - 1900.0	0.17579	1.0 PM	17M9D7W

Antenna integrated. Power output listed is conducted. This device is approved for mobile and fixed use with respect to RF exposure compliance. The antenna of this transmitter must provide a separation distance of at least 20 cm from all persons. Installers and end-users must be provided with operating conditions for satisfying RF exposure compliance.

The antenna used for this transmitter must not be collocated or operating in conjunction with any other antenna or transmitter, except as described in this filing and in accordance with FCC multi-transmitter product procedures.