

Certification
Issued Under the Authority of the
Federal Communications Commission
By:

**CTC advanced GmbH (former CETECOM ICT
 Services Gmb**
Untertuerkheimer Strasse 6-10
66117 Saarbruecken,
Germany

Date of Grant: 08/05/2019
Application Dated: 08/05/2019

Treon Oy
Visiokatu 3
Tampere, 33720
Finland

Attention: Joni Korppi , CEO

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: 2AR86GW11
Name of Grantee: Treon Oy
Equipment Class: PCS Licensed Transmitter
Notes: Wireless gateway

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
	22H	824.2 - 848.8	0.8913	2.5 PM	244KGXW
	22H	824.2 - 848.8	0.537	2.5 PM	245KG7W
	24E	1850.2 - 1909.8	1.9498	1.8 PM	244KGXW
	24E	1850.2 - 1909.8	1.0	1.8 PM	244KG7W
	22H	824.0 - 849.0	0.055	2.5 PM	1M10G7D
	22H	824.0 - 849.0	0.0468	1.8 PM	1M11W7D
	22H	824.0 - 849.0	0.1148	1.8 PM	187KG7D
	27	1710.0 - 1755.0	0.3236	2.2 PM	1M10G7D
	27	1710.0 - 1755.0	0.302	2.2 PM	1M11W7D
	27	1710.0 - 1755.0	0.3891	2.2 PM	187KG7D
	24E	1850.0 - 1910.0	0.4074	1.8 PM	1M10G7D
	24E	1850.0 - 1910.0	0.3981	1.8 PM	1M11W7D
	24E	1850.0 - 1910.0	0.537	1.8 PM	189KG7D

Output power listed is ERP for frequencies below 1 GHz, EIRP for frequencies above 1 GHz.

This device supports LTE modes Cat M1 and NB-IoT at LTE band 2, 4 and 5.

The Antenna installation and operating configurations of this transmitter, including antenna gain and cable loss must satisfy MPE categorical Exclusion Requirements of §2.1091. The antenna used for this transmitter must be installed to provide a separation distance of at least 0.2m from all persons. Users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.