



Registered office:
u-blox AG
Zürcherstrasse 68
8800 Thalwil
Switzerland

Request of Class II Permissive Change

Product family	Model	FCC ID	IC ID
ELLA-W1	ELLA-W131	PV7-WIBEAR11N-SF1	7738A-WB11NSF1

Company number: CH-020.3.020.161-7

info@u-blox.com
support@u-blox.com

Request of Class II Permissive Changes to ELLA-W1

This request is to include three antennas with the related trace designs to the ELLA-W131 model with FCC ID PV7-WIBEAR11N-SF1, see table below for the list of antennas:

Antenna p/n	Manufacturer	Notes
Taoglas	FXP73.09.0016A	With customized 16mm cable and MMCX (M) connector
Taoglas	GSA.8827R.A.201911	2m cable and MMCX (M) connector
Evercom	WG-UMB-TC883	

The trace designs and antennas are included in a product commercialized by one of u-blox' customers.

The product utilizing the antennas listed above has no capability to operate the Bluetooth interface (module firmware and drivers for Bluetooth are not implemented on the host processor).

A detailed description of the components and layout of the design is provided separately.

Conducted and radiated spurious emissions tests have been performed to compare the emissions of the transmitter model including these antennas with the already certified device.

The documents listed in the table below shall be filed as exhibits to this request.

Exhibit	Contents
MDE_UBLOX_1629_FCCa_2016-12-29	Test Report
MDE_UBLOX_1629_FCCa_Photo_Setups	Pictures of the Setup
GCM_AntennaTraceDesign-Rev1.1	Trace design description, antenna information

If you have any questions regarding this application, please feel free to contact

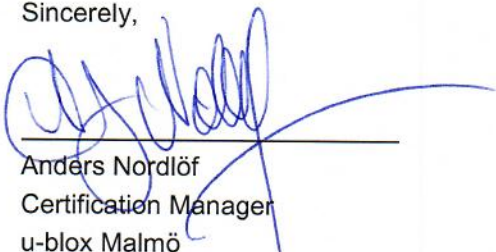
Contact name: Mr. Stefano Bianconi

Company name: u-blox Berlin GmbH

Phone No.: +49 30 55573 1024

Email: stefano.bianconi@u-blox.com

Sincerely,



Anders Nordlöf
Certification Manager
u-blox Malmö