



PERMISSIVE CHANGE REQUEST LETTER

Reason for Amendment (current / obsolete)	Revision History		Approved Date
	From	To	
Initial Release	1.0	1.0	Jun-13-2024



FCC Class II Permissive Change Request Letter

Date: 2025-12-18

To: Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046-1609

RE: FCC Permissive II Change Request for Company: u-blox AG **FCC ID:** XPYUBX24KM03

We are submitting an application for an FCC Class II permissive change of the Company name:
u-blox AG, product description: SARA-S520BM10 (FCC: XPYUBX24KM03, Original Grant Date: 2024-12-20). Here are the changes:

- Replacing satellite antenna (maximum antenna gain changed):
old antenna: Orbcomm, ST100368-NSA – Standard Patch
(data sheet: 17_G0M-2310-2260_130163 AntSpec_SAT.pdf)
new antenna: Orbcomm ST100425-002 (data sheet: IDP Unpackaged Passive Patch Ant_Rev1.1.pdf)
- Additional information: Both antennas will be supplied with RF cable: SKYWAVE ST301044-ESC REV A (SMA male connectors, length 2.52m, attenuation 0.6dB in uplink frequency range: 1626.5-1660.5 MHz)
- The transmitter itself has not changed.
- The maximum conducted output power (tune-up) was reduced from 31.5 dBm to 30.0 dBm via an update to the power calibration/configuration table entry. No RF hardware changes were made, and no new operating modes, frequency ranges, or modulation schemes were introduced.
- The SW / SW version has not changed.

Sincerely,

Title: Project Manager (Agent)
Name: Michael Albert
Address: Borsigstrasse 11, 40880 Ratingen, Germany
Signature: