



Attn: Reviewing Engineer
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FCC Certification Number: Approval Date:

XPYJODYW164

07/20/2018

Application to Class II Permissive Change

This request is to add a design change to the module with FCC ID: XPYJODYW164.

The design changes are the following:

- Change from a TCXO (Temperature Compensated Crystal Oscillator) to a passive crystal oscillator
- Small modification of the PCB.

To compare the measurement results of the module after the design change and the already certified design, the following tests were performed:

Occupied Bandwidth (6 dBi)
Band Edge Compliance (99%)
Band Edge Compliance Restricted Bands
Transmitter Spurious Radiated Emissions
26 dB Bandwidth
6 dB Bandwidth
99% Bandwidth
Band Edge

The power values have been reduced to fulfill the FCC requirements. See the test reports MDE_UBLOX_2104_FCC_02 and MDE_UBLOX_2104_FCC_03 for details.

Thank you for your attention in this matter.

Yours Sincerely,

Filip Kruzela
Certification Manager, u-blox AG