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5th October 2020

Telecommunication Certification Body
UL VS Ltd
Units 1-3, Horizon
Wade Road
Kingsland Business Park
Basingstoke
Hampshire
RG24 8AH
United Kingdom

Subject: Class 2 Permissive Change (C2PC) Request

FCC ID: 2ARGS-P3310

To whom it may concern

In accordance with KDB 178919 D01 and FCC rule part §2.1043: Changes in Certified Equipment, Oxford Nanopore Technologies hereby requests a class 2 permissive change to FCC ID: 2ARGS-P3310 as detailed below:

Add new antenna type, change from U.FL to SMA cable with SMA screw-in whip antenna to PCB patch antenna with cable to U.FL connector: Inventek W2.4-5P-U peak gain, 2.4GHz band = 3.73dBi, 5GHz band = 5.18dBi.

The module will operate as certified with no changes to transmitter power and operating bandwidth and MIMO.

As a result of the changes detailed above, the following test cases have been tested to verify compliance of the modified 2ARGS-P3310

Radiated spurious emissions 2.4GHz wi-fi (b, g, n) radio module, 1 worst case data rate tested only

Radiated spurious emissions Bluetooth radio module, 1 worst case data rate tested only.

Radiated spurious emissions 5GHz wi-fi (a, n, ac) radio module, 1 worst case data rate tested only.

RF exposure compliance has been re-evaluated for the increased antenna gain.

The module will not be sold on the open market and will only be used in Oxford Nanopore Technologies' products.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'G. Lofts', written in a cursive style.

Gavin Lofts
Electronics Engineer
Oxford Nanopore Technologies