



Date: Dec 18, 2020
Federal Communications Commission
7435 Oakland Mills Road
Columbia MD 21046

Requesting Class II permissive change for FCC ID: S4LFF50

To Whom It May Concern:

The purpose of this letter is to request a Class II Permissive change for FCC ID: S4LFF50, Original grant date: 07/02/2020
Applicant: TomTom International BV

The major change filed under this application is :

1. The subject approved module is being used in different host.
2. SAR Test report is provided to demonstrate RF exposure compliance.
3. EMC has been evaluated as not degrade the characteristics that reported to the FCC at the original certification.
4. The hardware design of this transmitter that may affect compliance is remained unchanged in this permissive change application.
5. Except for BLE output power decreasing, the RF parameters of this transmitter that may affect compliance are remained unchanged in this permissive change application.
6. The security mechanism according to section II of KDB 594280 D02 is remained unchanged as it reported to the FCC at the initial certification.

7. The master and client modes operate in each frequency band are same as it is in the original grant conditions.

8. WLAN transmitter only supports with passive scanning in UNII-2A & UNII-2C bands without radar detection, hence radar detection is exempted from evaluation in this modification.



9. Adding new antenna(s), please refer to below table of the new antenna(s) compare to the original antenna.

Original Antenna

Main Antenna Type	Part No.	Frequency (MHz)	Peak (dBi)
Dipole	N/A	2402 – 2480	1.5
Dipole	N/A	5150 – 5250	5
Dipole	N/A	5250 – 5350	5
Dipole	N/A	5470 – 5725	5
Dipole	N/A	5745 – 5850	5

New Antenna

Antenna Type	Part No.	Frequency (MHz)	Peak (dBi)
FPC	SZ19383IB77	2402 – 2480	-0.22
FPC	SZ19383IB77	5150 – 5250	-4.02
FPC	SZ19383IB77	5250 – 5350	-3.35
FPC	SZ19383IB77	5470 – 5725	-0.76
FPC	SZ19383IB77	5745 – 5850	0.64

Sincerely,

A handwritten signature in black ink, appearing to read "Fergus King".

By: Fergus King
Title: VP Global Supply chain

On behalf of: TomTom International BV
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