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Modular Approval Letter

Date:2022-11-01

FEDERAL COMMUNICATIONS COMMISSIONS

Authorization and Evaluation Division

7435 Oakland Mills Road

Columbia, MD 21046

We, 8devices, hereby request Modular Approval for Product: Mango (Model number: Mango, FCC ID: Z9WMAN).The EUT meets all the requirement for modular approval as detailed in FCC 15.212. the requirements is described below:

1. The modular has RF shielding, please refer to the EUT photo.
2. The modular transmitter has buffered modulation/data inputs, Buffered data inputs stage has been integrated in chip (Model:IPQ6010).
3. The modular transmitter has its own power supply regulation. Please refer to the Schematics.
4. Comply with the antenna requirements of Section 15.203 and 15.204(c), The module have two antenna types, one is chip antenna, another is whip antenna. For chip antenna, it must be permanently attached to the unit, the antenna gain is 2.09 dBi/2.4~2.5GHz,4.32dBi/5.15~5.85 GHz; For whip antenna, it must use a unique type of connector to attach to the EUT, the antenna gain is 4.0dBi/2.4~2.5GHz, 4.5dBi/5.15~5.25GHz,5.0dBi/5.725~5.85GHz.
5. The EUT was tested in a stand-alone configuration, please refer to setup photos exhibit for details.
6. The module labeled with its own FCC ID.
7. Comply with any specific rules or operating requirements that ordinarily apply to a complete transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements. The necessary explanation to be complied with this requirement is contained in the user manual, please refers to the User Manual.
8. Comply with FCC §15.247 (i) & §15.407 (i) & §1.1310 & §2.1091 RF exposure requirements in its final configuration.

Sincerely,

Signature:



Printed Name: Jonas Sabaliauskas

Title: Director