

Modular Approval Request Letter

MAY 20, 2025

Dear Application Examiner,

Whirlpool Corporation, WICH1201, FCC ID: A5UWICH1201 would like to have your authorization as a modular approval specific to the mobile RF exposure condition.

The requirements of KDB996369 have been met and shown on the following statements.

1. "The modular transmitter must have its own RF shielding." The radio portion of this module has been shielded, please see exhibition External Photo.
2. "The modular transmitter must have buffered modulation/data inputs." The EUT has buffered data inputs, it is integrated in chip CYW43438.
3. "The modular transmitter must have its own power supply regulation." The part number of this regulator is MIMX8MN6DVTJZAA.
4. "The modular transmitter must comply with the antenna requirements of section 15.203 and 15.204(C)." The EUT meets the FCC antenna requirements. The spurious emission, unique antenna connector and photo of antennas are shown in the test report.
5. "The modular transmitter must be tested in a stand-alone configuration" The EUT was tested in a stand-alone configuration via a USB extender. Please see section Photographs of Test Configuration in the test report, the EUT was plugged in this extender.
6. "The modular transmitter must be labeled with its own FCC ID number." Please see exhibition Label Sample for the FCC ID of this module. And also in the exhibition Users Manual, there are instructions give to the OEM on how to label the end product.

7. "The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements." The EUT is compliant with all applicable FCC rules. Detail instructions for maintaining compliance are given in the Users Manual.
8. "The modular transmitter must comply with any applicable RF exposure requirements." The EUT is compliant with all applicable RF exposure requirements. RF Exposure is addressed in the RF exposure exhibition.

Antenna type1: FPC antenna
Model name: FXP830.07.0050C
Antenna gain: 3.46 dBi

Antenna type2: FPC antenna
Model name: FXP831.07.0050C
Antenna gain: 3.28 dBi

Antenna type3: FPC antenna
Model name: 2108792-2
Antenna gain: 4.9 dBi