

Modular Approval Request Letter

2/20/2025

Dear Application Examiner,

Microsoft Corporation Model HWB-Q93, FCC ID: **C3K00002101** would like to have your authorization as a limited modular approval specific to the mobile RF exposure condition.

The requirements of Part 15.212 Modular transmitters(a)(1)(i-viii) have been met, except for the shielding requirement, as shown in the following statements.

1. **NO:** "The modular transmitter must have its own RF shielding." The radio components of the module, except for the diplexers, coexistence filters (where applicable) and the antenna connectors, have been shielded. It is a conformal shield, not a metal shield can, and is integrated into the SiP module. Please see the External Photos exhibit submitted in this application.
2. **YES:** "The modular transmitter must have buffered modulation/data inputs." The module has buffered data inputs to ensure compliance with Part 15 requirements under conditions of excessive data rates or over-modulation. Please see the Schematics exhibit submitted in this application.
3. **YES:** "The modular transmitter must have its own power supply regulation". The module has its own power supply regulation to ensure compliance with Part 15 requirements regardless of the quality or level of external DC supplying the module from the host unit.
4. **YES:** "The modular transmitter must comply with the antenna requirements of section 15.203 and 15.204(C)." The module meets the FCC antenna requirements. The spurious emissions, unique antenna connector(s) and photos of antennas are shown in the test reports and internal photos exhibits submitted in this application.
5. **YES:** "The modular transmitter must be tested in a stand-alone configuration". The module is tested in a stand-alone configuration and is limited to specific Microsoft hosts, as explained in the Integration Manual.
6. **NO, but does comply with FCC labeling policies:** "The modular transmitter must be labeled with its own FCC ID number." Due to the small size of this SiP module, it does not have sufficient room to accommodate the FCC ID C3K00002101 in a font of 4 point or larger. The module does not have electronic labeling. Hence the FCC ID is placed in the packaging and the Module Integration Guide according to FCC KDB 784748 D01 General labeling and Notification v09r02.

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7. **YES** "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 module is compliant with all applicable FCC rules. Detailed instructions for maintaining compliance are given in the Module Integration Design Guideline.
8. **YES** "The modular transmitter must comply with any applicable RF exposure requirements." The EUT is compliant with all applicable RF exposure requirements, as shown in the RF exposure report exhibit submitted in this application.

Please contact me if you have any further questions.

Best Regards,

Chaitrali Limaye

Chaitrali Limaye
Compliance Engineer
Microsoft Corporation