



Audio
Partnership

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Declaration

Model No: [Air 200](#)
FCC ID: [YKBMA200-003](#)
IC: [9095A-MA200003](#)


Hereby we declare that frequency range of our product is 2400 - 2483.5 MHz.

The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals. The system complies with the requirement 15.247(a)(1).

While system sets in the process of searching, the transmitter will create a random code to the receiving end. When the two sides connect successfully, both of their random codes shall be the same. While system sets in the process of communicating as a benchmark of 2402MHz frequency, random code will create one more random code in accordance with the same formula to reach an offset frequency. Then the offset frequency plus base frequency works out the final frequency, at the same time ensuring the final frequency will range within 2400MHz and 2483.5MHz. Thus System hops randomly in such an approach in 79 channels to spread messages probably 100 times in a second time, and each one channel shall be surely used at least once. The system complies with the requirement 15.247(g).

Cause our product is a random hopping system, it doesn't have any mechanic procedure to automatically control to hop any frequency or close any frequency on the next second. It not has the ability to be coordinated with other FHSS systems in an effort to avoid the simultaneous occupancy of individual hopping frequencies by multiple transmitters. The system complies with the requirement 15.247(h).

Sincerely,

Signature: 
(Signature)

Matthew Bramble
(Print name)

Title: Technical Director

Company: Audio Partnership Plc