



Company name: Airspan Networks Inc.
Address: 777 Yamato Road
Suite 310 Boca Raton
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FCC ID:PIDAH4200A

AirHarmony 4200 3.55-3.7GHz (B48) tune-up procedure

Each AirHarmony radio has been tested by an automatic testing station (which is calibrated weekly for accuracy), which calibrates the unit prior to testing. Each AirHarmony contains 4 transmitters therefore each in turn is calibrated by the station for RF output power accuracy. The calibration is then verified by transmitting on the RF output power approved for each frequency checking that it does not exceed the maximum conducted power allowed by the FCC as below:

- 10 MHz BW: Pout=28.5dBm +/- 0.5dB; Pmin=28 dBm ; Pmax=28.97 dBm
- 20 MHz BW: Pout=31.5 dBm +/- 0.5dB; Pmin=31.3 dBm ; Pmax=32 dBm

For each frequency there is an internal software limit value that prevents the User from exceeding that RF output power setting. In the event the RF output power is higher then specified in the System Description, the AirHarmony radio doesn't pass and acquires a Fail status.

AirHarmony boards with Fail statuses are rejected for final assembly of the product. The NMS management program also has internal specific FCC output limits that further checks and verifies maximum RF power output and prevents transmittion above the FCC limits.

Name of authorized person: Zion Levy
Position: Compliances Team Leader

A handwritten signature in black ink, appearing to be "Zion Levy", written over a horizontal line.

Date: July 14, 2019

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