

Company name: Airspan Networks Inc. Address: 777 Yamato Road

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**FCC ID:PIDSYN728** 

## Synergy 2000, 700 MHz Band 12 tune up procedure

Each Synergy radio has been tested by an automatic testing station (which is calibrated weekly for accuracy), which calibrates the unit prior to testing. Each Synergy contains 2 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 allowed by the FCC. 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 than specified in the System Description, the Synergy radio doesn't pass and acquires a Fail status.

Synergy 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 transmition above the FCC limits.

Name of authorized person: Zion Levy

Position: Compliances & Integration Engineer

Date: Date: April 2, 2014

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