



American Telecommunications Certification Body Inc.  
6731 Whittier Ave, McLean, VA 22101

September 20, 2005

RE: Airspan Networks (Israel) Ltd.

FCC ID: PIDAIRSPAN-SPR19

After a review of the submitted information, I have a few comments on the above referenced Application.

- 1) Test data for power measurements appears to suggest operation on 1850 and 1910 MHz channels. This is not within the band blocks and meet expectations. Please review (Power data).
- 2) It appears that the 731 should list 1851 – 1909 MHz with 1M82F1D, and 1852 – 1908 MHz with 2M20F1D. Please review, explain, correct as necessary.
- 3) Since this is based upon FSK modulation, please provide calculations to support emissions designator for both data rates.
- 4) This device appears to allow a hopping transmission across the band of operation. However most devices are used based upon blocks of operation, and a licensee is not necessarily allowed operation in all blocks. Please explain how this device will meet the rules given the current licensing issues based upon Part 24E blocks.
- 5) Section 7.4.3 appears to correct by dBi vs dBd. Shouldn't the table therefore be EIRP? Generally the results should be ERP given the information specified in 2.1053 unless the section of the rules stipulates otherwise.
- 6) The results in section 7.5.2 and 7.5.3 appears incorrect. It appears that the positive and negative reported drifts are backward in the 2 tables. Which is correct? Some of the data doesn't match at all (7.5.3, 12.316 kHz). Also for the lower frequency, it appears the results for the high side is compared against the bandedge when the low side should be used and the negative drift taken into account. Additionally the results are labeled as kHz, but appear to be MHz. Please completely review these tables for validity and correct all errors.
- 7) RF Exposure information appears much lower than expected if estimating based upon EIRP. Please explain?
- 8) Tune up procedure appears to not provide any tune up information. Please review. Information regarding tune up procedures should be provided.
- 9) It does not appear that a description of all circuitry and devices provided for determining and stabilizing frequency, for suppression of spurious radiation, for limiting modulation, and for limiting
- 10) FYI.....The labeling information regarding Part 15 appears to be more relevant to use 15.19(a)(1) instead of 15.19(a)(3). Please review..
- 11) FYI....This type of system in the PCS band appears unique. In these instances, the FCC typically has asked for a list of expected providers of the equipment in the U.S. If possible, please provide.

Examining Engineer

[mailto: tjohnson@AmericanTCB.com](mailto:tjohnson@AmericanTCB.com)

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information may result in application termination. Correspondence should be considered part of the permanent submission and may be viewed from the Internet after a Grant of Equipment Authorization is issued.

Please do not respond to this correspondence using the email reply button. In order for your response to be processed expeditiously, you must submit your documents through the [AmericanTCB.com](http://AmericanTCB.com) website. Also, please note that partial responses increase processing time and should not be submitted.

Any questions about the content of this correspondence should be directed to the sender.