



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

September 24, 2004

RE: Airspan Networks (Isreal) Ltd.

FCC ID: PIDAIRSPAN-WIPLL2

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

- 1) The operational description/theory of operation states this device may operate as either a frequency hopping TX or a hybrid, not exclusively as a hybrid TX. Note that there is a variety of ways to approve a hybrid system (attachment for hybrids from the FCC has been provided on previous occasions). Recently approved devices for Airspan included both a FHSS and hybrid mode. If this device can be used in a frequency hopping mode only, then in this mode of operation it must meet all the frequency hopping requirements. If it is to be hybrid only, then all exhibits need to clearly cite this and not reference the fact that it may be configured for frequency hopping mode only.
- 2) If this can operate in FHSS mode only, then there is also a concern that the bandwidth is greater than that normally allowed for 900 MHz FHSS systems.
- 3) If this is capable of only operating in frequency hopping mode, then there is the concern that the hopping list does not meet the FCC's definition of Frequency Hopping Systems for pseudo-random as given in 2.1. Also see attached FCC interpretation. The hop sets appear to be incremented by a simple increment and divisor. This is not allowed when approved as a FHSS device.
- 4) There are issues with the output power. What will the final output power be for this device? Powers throughout all documents must be consistent. Because of the power issue, it can not be asserted what the final power will be. Additionally, if the power was only to be equivalent to the earlier reports, then this should be how the device was tested. This fact needs to clearly be given throughout the report. If the power is increased, then all affected tests must be performed. In this case since only the spectral density seems to be tested this way, we can accept the increase in power. However, the documentation, reports, etc. should clearly cite what the final power will be for both models.
- 5) RF exposure information should be based on the highest output power to be used. Please review and correct as necessary. There are certain manual and use concerns if the EIRP will be > 36 dBm per our previous comments. Please clarify.

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Examining Engineer

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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 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.