



HERMON LABORATORIES

July 21, 2004

Federal Communications Commission
Attn: Mr. Martin Perrine

American TCB
Attn: Mr. D. Ward, Examining Engineer

RE: your e-mail dated July 20, 2004; Airspan Networks Ltd.
FCC ID: PIDAIRSPAN-700_ATCB001341

Dear Gentlemen,
Please find below the answers to your questions.

- 1) Actually the device including its antenna is physically secured at a permanent location and is not able to be easily moved to another location. Hence, the limit for fixed and based stations was used - §27.50c(1). The WipLL system is available for various frequency bands, type of antennas etc. The device is evaluated for mobile classification according to FCC and ATCB recommendations. At the same time the max measured ERP is 43.68 dBm (refer to AIRRAD_FCC.15799, Table 4.1.2), that is less than 44.8 dBm for mobile devices as per §27.50c(2).
- 2) The applicant justification is attached. For EUT description please refer to §3.1 of test report AIRRAD_FCC.15799, AIRRAD_FCC.15834, Operational_description_15799.
- 3) We confirm that the units have only external antenna (model numbers BSR 700MHz TDD Ext, SPR 700MHz TDD Ext).
- 4) a) The BSR was connected to 14 dBi panel antenna, model TO1260801 ("Each unit was connected to the antenna providing the maximum directional gain"), the SPR – to only possible model AD-40/722-14 – their data sheets were uploaded to ATCB. Please find attached.
b) The safe distance results obtained throughout the MPE measurements were far lesser than obtained at calculation. The applicant has decided to use calculated results at labels and user manuals (as you remember, the devices with external antenna are outdoor units mounted on the pole or external wall).

Thank for your help and patience.

Sincerely,


Marina Cherniavsky,
certification engineer
Hermon Laboratories