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September 22, 2005

To: TCB reviewer

RE: RF exposure of HZB-L49U24U50

The HZB-L49U24U50 product is an 802.11abg access point device. The radio is capable of transmitting at 2.4-2.4835 GHz, 4.94-4.99 GHz, 5.15-5.35G, and 5.725-5.850GHz band individually, as well as transmitting with 2.4G and any one of the higher bands turned on at the same time.

Based on report 05U3569-1B for 4.9G testing done by CCS, and the following RF exposure document for other bands done by ADT Corp, the worst case exposure at 20cm distance for integral antennas and at 100cm distance for external antennas is 0.1085 mW/cm^2 for 2.4G band, and 0.73 mW/cm^2 for the higer bands (4.94-4.99 GHz, 5.15-5.35 GHz, 5.725-5.850 GHz all taken into consideration) . As a result, the worst case exposure of the entire system under all conditions is within 0.8385 mW/cm^2 (0.1085+0.73). This overall worst case exposure level is within the limit of 1mW/cm^2 as specified in 1.1310 of CFR47,

To ensure of compliance to 1.1310 based on the calculation results, we have included in the regulatory section of product manual warnings of 20cm separation distance for applications using integral antennas, and separation distance of 1m for applications using external antennas. The manual is on file in this application.

If you should have any questions regarding this submission, please feel free to contact the undersigned.

Yours truly,

Caroline Yu

Regulatory Compliance t Manager
Proxim