



January 7, 2005

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, Maryland 21046

Re: FCC ID: SH5-CAP

Applicant: Miltope Corporation
Correspondence Reference Number: 15914
731 Confirmation Number: TC760408
Date of Original Email: 12/10/2004

Subject: Request for additional information

1. Please provide spurious radiated emissions for simultaneous and collocated operation of the two modules internal to the device.

Because the CAP configuration is capable of operating both radio modules in the 2.4 GHz band simultaneously, inter-modulation products were also evaluated. One radio module of the EUT was set to the lowest channel available and the other radio module set to the next adjacent channel. Any intermodulation products observed were maximized and recorded. All modes of 802.11b and 802.11g radios were evaluated for worst case. This was repeated with two radio modules set to the highest possible channel and next adjacent channel available respectively.

No inter-modulation products were detected for any combinations of channel selections or modes.

2. The grant comment requires professional installation yet this does not appear to be included in the user/installation manual. Please address.

A statement was added to Section 3.1 of the manual. The revised Manual has been uploaded.

3. Please include antenna/cables photographs in the external photo exhibit.

The "External Photos Exhibit" was updated to include the antennas and cables. The revised exhibit has been uploaded.

Sam Wismer

A handwritten signature in black ink, appearing to read 'R. Sam Wismer'.

Technical Director
ACS, Inc.

Tel: (770) 831-8048
Fax: (770) 831-8598
Email: swismer@acstestlab.com