



Excellence in Compliance Testing

5015 B. U. Bowman Dr.
Buford, GA 30518

September 22, 2013

ACS TCB
5015 B.U. Bowman Drive
Buford, GA 30518

Re: FCC ID: VEYXAPR1

To Whom It May Concern:

The following application is submitted on behalf of our client, xG Technology, Inc., for evaluation of their model xAP for certification under FCC Part 15.247.

The model xVM (FCC ID: VEYXAPR1) is a carrier class base station device meant to be installed on outdoor sites like towers and buildings. The device is compact and light weight. A web page is used for configuration. The unit can be configured with a 5 dBi omni/monopole antenna array or a 13.8dBi 2x2 mimo sector antenna array. The RF power output is adjusted as described in the filing to address the different antenna configurations. The unit was evaluated for all available modulations at the maximum allowable duty cycle. Even though the internal photos show a Wi-Fi module on the DPM boards, the module is not active in the product per the manufacturer.

To comply with the radiated emissions requirements ferrites were utilized on the Ethernet cables. Four (4) ferrites (FAIR-RITE 0443164251) were used on the Shielded Ethernet cable from the EUT to the POE adaptor. Two (2) ferrites (FAIR-RITE 0443164251) were utilized on the Ethernet cable from the POE adaptor to the remote laptop computer.

The FCC ID: VEYXAPR1 was tested in full to the requirements of the aforementioned rules and was found to be in compliance.

Sincerely,

Sam Wismer
Vice President, Technology
Advanced Compliance Solutions, Inc.