



Excellence in Compliance Testing

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

February 5, 2014

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 (FCC ID: VEYXAPR1) for a class II permissive change.

The purpose of the class II permissive change is to add a 4X2 mimo 11.3 dBi panel antenna (Part: KPPA-900MHZ4P90S) to the model xAP. There are no hardware changes on the product. The xAP is professionally installed and the TX ports on the panel antenna are configured for cross-polarization. Additionally, the RF output power is reduced so that the maximum EIRP does not exceed 36 dBm.

The model xAP was evaluated for RF Output Power and Spurious Emissions in the Restricted Bands for the panel antenna configuration to account for the new antenna gain and power reduction. Compliance to the other test requirements are covered under the original certification report which documented measurement results using the maximum RF output power settings on the EUT. Radiated emissions in the restricted band were performed on the EUT cabinet with a 50 ohm termination at the EUT RF ports per FCC KDB Publication No. 558074 D01 Meas Guidance v03r01 during the original evaluation. The radiated emissions results described in the original report are considered worst case.

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

Sincerely,

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