



Modular Approval Request

September 23, 2016

RE : FCC ID: 2ADCB-ACWIFI001

Dear Applications Examiner:

We are requesting Modular Approval for the Acuity model ACWIFI001 with the FCC ID listed above.

	FCC Modular Approval Checklist	YES	NO
i	The radio elements must have the radio frequency circuitry shielded. Physical components and tuning capacitor(s) may be located external to the shield, but must be on the module assembly;	X (see response 1 below)	
ii	The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal;	X	
iii	The module must contain power supply regulation on the module;	X (see response 2 below)	
iv	The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b);	X	
v	The module must demonstrate compliance in a stand-alone configuration;	X (see response 3 below)	
vi	The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements);	X	
vii	The module must comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee;	X	
Viii	The module must comply with RF exposure requirements (see discussions below).	X	

3505 Francis Circle Alpharetta, GA 30004
PH: 770-740-0717 Fax: 770-740-1508
www.ustech-lab.com



Response 1 : The module itself has shielding over the RF circuitry thus the reason for a Modular Approval. The test data provide shows that the EUT complies with the applicable RF requirements per Part 15.247 and Part 15.407.

Response 2 : The module itself has self-contained power regulator, there is a power converter on Board to regulated the power. The module accepts 3.0~3.6VDC

Response 3: The module was tested while connected to an evaluation board. The evaluation board provides the test engineer with the ability to program the radio for test mode operation. The evaluation board is deemed to have negligible effects on the testing.

Sincerely,

A handwritten signature in purple ink that reads "Sandi McEnery". The signature is written in a cursive, flowing style.

Sandi McEnery
US Tech - Authorized Agent for Acuity