

*American TCB  
6731 Whittier Avenue, Suite C110  
McLean, VA. 22101*

To whom it may concern:

The enclosed documents constitute a formal submittal and application for a Class II Permissive change / Reassessment for a DTS/NII device pursuant to the following rules:

Subpart E of Part 15 of FCC Rules (CFR 47) , UNII Devices  
RSS-210, Issue 7, June 2007, “Low-power Licence-exempt Radiocommunication Devices (All Frequency Bands): Category I Equipment”

The change requested is the addition of a new antenna to the existing approvals for this device. Radiated spurious emissions data has been collected for the worst-case operating modes as identified from the original filing documentation.

The original certification included a Universe PIFA antenna and so covered all PIFA antennas of lower gain. The proposed change is to add a PIFA-based antenna set, comprising two antennas and as identified in the table below as the “proposed new antenna set”.

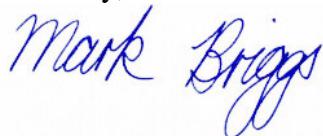
Antenna Name and model	Type	Antenna Gain				Comments
		2.4GHz	5.2GHz	5.5GHz	5.7GHz	
Universe	PIFA	3.24	3.73	4.77	4.97	Original Antenna tested
Amphenol WLAN Main: 14G152168231LV: WLAN Aux: 14G152168131LV:	PIFA Carrier	-0.59 -1.00	1.36 0.01	2.18 2.19	1.64 2.76	Proposed new antenna set

Selection of operating modes for each series of tests (band-edge spurious emissions, radiated spurious emissions) is based on previous results with the universe PIFA antenna. The original filing also included a universe magnetic dipole antenna. Please note that the RSP 100 cover sheet information entered into the ATCB application form for Canadian approvals reflects the worst case spurious emissions from this round of testing and the original testing.

Elliott Laboratories, as duly authorized agent prepared this submittal. A copy of the letter of our appointment as agent is included with the application.

If there are any questions or if further information is needed, please contact Elliott Laboratories for assistance.

Sincerely,



Mark Briggs  
Staff Engineer  
MB/dmg