



LS RESEARCH, LLC

Wireless Product Development

Date: May 16, 2013

To: FCC and Industry Canada

This letter is a request for a FCC Permissive Change and IC Reassessment to add an antenna to the existing FCC and Industry Canada filing having FCC ID: TFB-TIWI501 and IC: 5969A-TIWI501.

The summary of changes to TIWI501 for the permissive change request:

1. The module placed on the Synapse Product Development XBRV4 board with PCB trace antenna to edge mount SMA connector to custom antenna. Details of trace design and antenna can be found with filing information.
2. This design will only use 5GHz transceiver functions of TIWI5. The Synapse product will disable the 2.4GHz Bluetooth and WIFI at the factory.
3. The Synapse product will be professionally installed to comply with paragraph 15.203 of the FCC rules.

With the addition of the antenna by LS Research, it is our request that this permissive change be added to the existing product certifications.

Sincerely,

A handwritten signature in black ink, appearing to read 'William Steinike'.

William Steinike
President, LS Research
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