

Date: October 3, 2005

**Federal Communication Commission
Equipment Authorization Division
Application Processing Branch
7435 Oakland Mills Road
Columbia, Maryland 21046**

Modification Approval Letter

To Whom it May Concern

We, **TOYOTA INDUSTRIES CORPORATION** is requesting an FCC class II permissive change to already granted **Wireless LAN Module (FCC: M4B6180210)** for adding new connector and new antenna:

Information of new connector and new antenna are as follows;

No.	Product Name	Type Name	Model Name	Frequency Band	Gain
1	Connector	U.FL	U.FL-LP-040	-	-
2	Antenna	2.4GHz Small built-in antenna with a ground	ANTB24-043A0	2412MHz-2462MHz	7.0dBi

Sincerely yours,



Mitsuhiro Mabuchi
Group Manager
Product Planning Office, Engineering Dept. Division 1,
New Electronic Division

【Detailed Explanation of modification for each documents】

This modified module(FCC ID: M4B6180210) is tested with applicable FCC standard and passed all the testing, difference in mechanical part is only additional antenna and connector. This change is for modifying the antenna from Integral to External.

■Label Drawing

Model name is changed to 6180110 from 6180210. Please see “Label Drawing.pdf”

■Block Diagram

Please see “Block Diagram [Confidential].pdf”. Modified part is marked with red.

■Circuit Diagram

Please see “Circuit Diagram[Confidential].pdf”. Modified part is marked with red.

■Operational Description(System Schematics)

Please see “Theory of operation[Confidential].pdf”. Modified part is marked with red.

■Parts List

Please see “Parts List [Confidential].pdf”. Modified part is marked with red.

■Users Manual

Model name is changed to 6180110 from 6180210. Please see “Operation manual.pdf.pdf”

■Installation Manual

For the modified module with the additional antenna, the module will be only installed in mobile configuration product. So we revised the installation manual for that purpose. Please see “Installation Description[Confidential].pdf”.

■External/ Internal Photo

Please see “External Photo.pdf” and “Internal Photo.pdf”. Connector is added to the module and antenna type is changed to external from integral.