

# Realtek Semiconductor Corp.

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## Class II Change Letter

Date: 2009/06/11

Federal Communications Commission  
Authorization and Evaluation Division

To whom It may concern,

Request for Class II Permissive Change

FCC ID: TX2-RTL8191SE Grant Date: 01/22/2009

Pursuant to CFR 2.1043, Realtek Semiconductor Corp. hereby requests a Class II Permissive Change. The model name shall be same as before.

Modification:

1. This module is restricted only on the NoteBook T10IL1, U10IL1, T21IL1, T20IL1, T20II1 from ELITEGROUP COMPUTER SYSTEMS CO., LTD.  
The platform NoteBook T10IL1, U10IL1, T21IL1, T20IL1, T20II1, which was defined as a portable device.
2. The Notebook could be applied with one Bluetooth module; therefore SAR compliance assessment and Co-location tests are added for simultaneously transmit between wireless LAN and Bluetooth module function

Applicant name	Model No.	FCC ID
Cambridge Silicon Radio Ltd	WB111C-C1	PIWB-SMAN

There is no change in hardware or in existing RF relevant portion.

3. The difference compared with the original design is adding 6 antenna to this EUT,

Type: PIFA Antenna

Model	Max. Gain(dBi)
SPT T10-WLAN	-0.76
SPT T20&T21-WLAN	0.50
SPT U10-WLAN	1.89
JEM T10-WLAN	2.70
JEM T20&T21-WLAN	3.8
WGT U10-WLAN	1.77

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