

# Texas Instruments Incorporated

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Date: February 6, 2018

Federal Communications Commission

Office of Engineering and Technology Laboratory Division

7435 Oakland Mills Rd.

Columbia, MD 21046

SUBJECT: Application for Class II Permissive Change for FCC ID: Z64-WL18SBMOD

Dear Examiner,

This is to request a Class II Permissive Change for FCC ID: Z64-WL18SBMOD, Model: WL18MODGB  
(approval date: 09/15/2015 )

The changes filed under this application are:

1. New antenna be added:

	Brand	Antenna Type	Model	2.4GHz ~2.5GHz Gain
1		PIFA	001-0016	2.5dBi
2			001-0021	2.5dBi

2. Similar to original certification, this C2PC covers 4 modules with same FCC ID but different test grades.

These test grades are:

















- Test Grade: 01
- Test Grade: 05
- Test Grade: 31
- Test Grade: 35

The differences in the Modules are summarized below:

Differences					
Model	Test Grade	Texas Instruments Incorporated orderable part number	Wi-Fi 2.4GHz	BR, EDR and LE	Antenna Configuration
WL18MODGB	01	WL1801MODGBMOC	Yes	No	Single
	05	WL1805MODGBMOC	Yes	No	Dual
	31	WL1831MODGBMOC	Yes	Yes	Single

	35	WL1835MODGBMOC	Yes	Yes	Single
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The Module markings are summarized below:

WL1801MOD	Model: WL18MODGB Test Grade:01 FCC ID:Z64-WL18SBMOD IC: 4511-WL18SBMOD   201-135370 LTC: 1712115  	WL1805MOD	Model: WL18MODGB Test Grade:05 FCC ID:Z64-WL18SBMOD IC: 4511-WL18SBMOD   201-135370 LTC: 1712215  
WL1831MOD	Model: WL18MODGB Test Grade:31 FCC ID:Z64-WL18SBMOD IC: 4511-WL18SBMOD   201-135370 LTC: 1712315  	WL1835MOD	Model: WL18MODGB Test Grade:35 FCC ID:Z64-WL18SBMOD IC: 4511-WL18SBMOD   201-135370 LTC: 1712415  

3. Antenna trace design changed from figure 1 to figure 2 as the information mentioned in the WL18MODGB C2PC Details file.

If you have any questions regarding this application, please feel free to contact me.

Sincerely,

  
 Mattias Lange  
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