

Date 2019/1/28

To: SGS North America Inc.  
620 Old Peachtree Road  
SUITE 100  
Suwanee, Georgia  
United States

Subject: **FCC Class II Permission Change Request for FCC ID: 2ACHK-01070189**

Dear Sir/Madam,

This is to request a Class II Permission Change Request for FCC ID: **2ACHK-01070189**, originally granted on 2018/09/10

The Major specification for module

Specification Frequency	Antenna gain	Antenna type
2.4GHz	Antenna 1: 1.91 dBi, Antenna 2: 1.79 dBi	PIFA Antenna
UNII-1	Antenna 1: 4.86 dBi, Antenna 2: 5.50 dBi	PIFA Antenna
UNII-3	Antenna 1: 4.86 dBi, Antenna 2: 5.14 dBi	PIFA Antenna

The Major change filed under this application is :

1. The subject approved module is being used in a specific host (Brand name: **iRay**/model: **Mars1717XF-GSI/Mars1717XF-CSI**)
2. SAR Testing is performed to demonstrate RF Compliance
3. Software security remains unchanged form original application
4. Some frequency band of 5G band UNII-1 are decreased, 2.4G and UNII-3 band not change.  
Details of operation frequency for UNII-1 as below:  
Original:  
802.11a/n(HT20)/ac(HT20): 5180-5240MHz;  
802.11n(HT40)/ac(HT40): 5190-5230MHz  
Changed:  
802.11a/n(HT20)/ac(HT20): 5180-5220MHz;  
802.11n(HT40)/ac(HT40): 5190MHz

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

Yours Sincerely,

Signature

Contact Name: Wei Pan

Company Name: iRay Technology Co. Ltd.

