

# SAMSUNG

Date: Oct. 3, 2018  
Federal Communications Commission  
7435 Oakland Mills Road  
Columbia MD 21046

C.C.: SGS Taiwan Limited

Subject: Requesting Class II permissive change for FCC ID: A3LSIP007AFS00

To Whom It May Concern:

The purpose of this letter is to request a Class II Permissive change for FCC ID: A3LSIP007AFS00, Original grant date: 09/07/2016, Applicant: Samsung Electronics Co., Ltd.

The major changes filed under this application are :

1. The subject approved module is being used in different host (Portable category Configuration, Host Brand/Model: OPTICON/ET-1002).
2. Wireless functions had been authorized in original grant status as Bluetooth (DSS), BLE (DTS), WiFi 2.4GHz (DTS) , Zigbee(DTS) and WiFi 5GHz (NII). In this application, Bluetooth, BLE, Zigbee and WiFi 5GHz (NII) U-NII-2A, U-NII-2C, U-NII-3 are disabled by software, however, the RF parameters and RF characteristics of WiFi 2.4GHz(DTS) and WiFi 5GHz (NII) U-NII-1 are remain identical to the original grant status.
3. The equipment hardware such as RF transmitter layout and the components of RF transmitter etc.. are remained identical as the original grant status.
4. New type Antenna is used and the EMC test reports are provided for performing compliance of Part 15.247 and Part 15.407.

	Antenna Type	Antenn Gain (dBi)	
		2400~2483.5 MHz	5150~5250 MHz
Original Antenna	Dipole	1.10	0.91
New Antenna	PCB	-5	-5

5. This is a client device without radar detection, additional antenna with lower gain does not require further verification upon DFS according to KDB 178919 D02.

Best Regards

 (Signature)

Jenni Chun / General Manager  
Samsung Electronics Co., Ltd.