



**SAMSUNG ELECTRONICS AMERICA, INC.**  
**American QA Lab**  
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**Date: May 17, 2011**

**Attestation Letter:**

**FCC ID: A3LSHWM300S**

We, Samsung Electronics Co. Ltd., hereby attest that the attached Samsung sensor activation and deactivation distances and corresponding levels of power reduction as shown in this filing and the SAR report are correct and true and will be implemented in all production units.

We also attest to the following information regarding the operation of the above mentioned device in the 5GHz U-NII Band.

The **SHW-M300S** supports the following frequency ranges and is only client device in 5GHz bands

WLAN: 5745 – 5825MHz

UNII: 5180 – 5240MHz, 5260 – 5320MHz, 5500 – 5700MHz

The following table lists the actual channel/frequency plan for the 5GHz operation in USA. This device only support Active scanning on non-DFS frequencies..

| Channel | Freq. (MHz) | Scanning | Channel | Freq. (MHz) | Scanning | Channel | Freq. (MHz) | Scanning |
|---------|-------------|----------|---------|-------------|----------|---------|-------------|----------|
| 36      | 5180        | Active   | 64      | 5320        | Passive  | 140     | 5700        | Passive  |
| 40      | 5200        | Active   | 100     | 5500        | Passive  | 149     | 5745        | Active   |
| 44      | 5220        | Active   | 104     | 5520        | Passive  | 153     | 5765        | Active   |
| 48      | 5240        | Active   | 108     | 5540        | Passive  | 157     | 5785        | Active   |
| 52      | 5260        | Passive  | 112     | 5560        | Passive  | 161     | 5805        | Active   |
| 56      | 5280        | Passive  | 116     | 5580        | Passive  | 165     | 5825        | Active   |
| 60      | 5300        | Passive  | 136     | 5680        | Passive  |         |             |          |

Ad-hoc or peer-to-peer modes are not supported operating in the UNII bands. This NII transmitter is a client -only device without radar detection capability. The client software and associated drivers can not initiate any transmission on DFS frequencies, which includes transmissions for beacon, ad-hoc, and peer-to- peer modes. Operation as an access point on non-DFS legacy frequencies is also not supported. The software is locked by the module manufacturer such that there is no access and the settings can not be changed by the integrator of the module or the end user of the device.

The User's Manual submitted with this application is complete and contains all information pertaining to the devices capability. There is no Professional Installers manual available for this device as it is an end user item.

Sincerely,



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