LG Electronics Mobile Comm USA
1000 Sylvan Avenue
Englewood Cliffs, NJ 07632

Date: April 9, 2013
Federal Communications Commission
Equipment Approval Services
7435 Oakland Mills Road
Columbia, MD 21046

SUBJECT: LG Electronics MobileComm U.S.A
FCCID : ZNFLG870

We, LG Electronics MobileComm USA, Inc., hereby declare that the model LG870 has the following frequency scanning plan:

The following will be programmed at the factory to only operate and actively scan on these specific channels, where it can initiate transmissions and act as a master device for the 2.4 GHz band:
Channels 1-11, 2412-2462Mhz 802.11b/g/n mode

The following will be programmed at the factory to only operate and actively scan on these specific channels but it can't act as a master device because it operates as a client device for 5GHz band:
1) Channels 36-48, 5180 & 5240Mhz 802.11a/n mode
2) Channels 149-165, 5745 & 5825Mhz 802.11a/n mode

The following channels will be programmed at the factory to passively scan and will only listen and cannot send a probe/beacon request to initiate communication on these specific channels. Ad-hoc mode is always disabled and this device cannot operate as an Access Point on these passive channels:
1) Channels 52-64, 5260 & 5320Mhz 802.11a/n mode
2) Channels 100-140, 5500 & 5700Mhz 802.11a/n mode

This device does not act as an access point on the non-DFS legacy frequencies (5.15 – 5.25 MHz)

This device meets the FCC 15.202 requirements as a Client Device.

This client device does not have software configuration control to operate in different modes (active scanning in some and passive scanning in others) in different bands (devices with multiple equipment classes or those that operate on non-DFS frequencies) or modular operation which configures the modes of operations through software.
On DFS channels, the WLAN subsystem operates under the control of an AP at all times.
The client SW and associated drivers will not initiate any transmissions on DFS frequencies without initiation by a master. This includes restriction on transmission for beacons and supports for ad-hoc and peer-to-peer modes. This device SW is set in non-volatile memory. Only LG engineer can access this SW because this SW is cryptographic code that can be accessed through LG internal SW complier. Therefore this device will not allow the user settings to select any non-US frequency and will not be accessible and can't be changed by the end user or by host configuration setting.

Jacop Cho
Director
On behalf of LG Electronics Mobilecomm U.S.A.,Inc