



November 21, 2012

Federal Communication Commission
Equipment Authorization Division
Application Processing Branch
7435 Oakland Mills Road
Columbia, Maryland 21046

FCC ID: A3LGTI9105P
Applicant: Samsung Electronics Co., Ltd.
Model: GT-I9105P

To whom it may concerns,

We request you to admit to use DFS alternate method for the above model. Please see below for product description and proposed alternate method:

Product Description:

The device is a Smart phone with GSM/GPRS/EDGE850/1900 and WCDMA850/1900, BT(EDR, LE), NFC, 802.11a/b/g/n(mobile hot spot) that support 802.11a operation in the DFS bands as client-only devices.

They do not have radar detection capabilities and, as such, only support an infrastructure mode of operation and do not support ad-hoc networks in the DFS bands.

The Android operating system resident on the devices does not support the Windows based Media Player or the format of the streaming video file specified in FCC 06-96.

Proposed Alternate Method:

Since the operating system will not support the preferred method for data transfer from master to client device, we propose performing the DFS test while the system is performing a HTTP file transfer. The file transfer from the master device to the client device under test will consist of a 1.63Gbyte compressed data folder containing multiple copies of a 418 Mbyte file.

The minimum target of 20% channel loading is sufficiently met by this method. Please see the DFS proposal document for the details.

Thank you for your attention to this matter.

Sincerely,

Takahiro Hatakeda
Leader of Head Office EMC Lab.
WiSE Japan, UL Verification Service
UL Japan, Inc.