

SAMSUNG Electronics Co., Ltd.

Date: November 12, 2012 / FCC ID : A3LSLS-BD104Q1

Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

Dear To whom it concerns :

Samsung's SLS-BD104Q1 WiMAX base station Remote Radio Head currently has been deployed on radio towers throughout the U.S in combination with the digital baseband unit (DU). The tower mounted remote radio heads have current FCC approval under the FCC ID : A3LSPI-22132825WB. The Remote Radio Heads (RRH) (3 per tower) are controlled via F/O by a ground mounted DU system. The system is the Flexible Radio Access System (FRAS). The same RRH (identical hardware/firmware upgrade) has recently been tested and approved for 30 Watt TD-LTE and WiMAX operation under FCC ID: A3LSLS-BD104Q. However, these have not been deployed. Currently the RRH (again identical hardware/firmware upgrade) is being tested for 40 Watt TD-LTE and WiMAX operations (10Watts/port –4 RF Ports). The RRH's are capable of this operation firmware upgrade via the DU without any hardware change made to the RRH unit. As the overall output rating of the RRH will be changing the plan is to obtain a new FCC ID for the 40 Watt operation as well as also covering the 30 Watt and 20 Watt operations.

We, the undersigned, hereby authorize <PCTEST Engineering Laboratory, Inc.>, to act on our behalf in all manners relating to application for equipment authorization, including signing of all documents relating to these matters. Any and all acts carried out by <PCTEST Engineering Laboratory, Inc>, on our behalf shall have the same effect as acts of our own.

We, the undersigned, hereby certify that we are not subject to a denial of federal benefits, that includes FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 853(a).

In authorizing <PCTEST Engineering Laboratory, Inc.> as our agent, we still recognize that we are responsible to:

- a) comply with the relevant provisions of the certification program;
- b) make all necessary arrangements for the conduct of the evaluation, including provision for examining documentation and access to all areas, records (including internal audit reports) and personnel for the purposes of evaluation (e.g. testing, inspection, assessment, surveillance, reassessment) and resolution of complaints;
- c) make claims regarding certification only in respect of the scope for which certification has been granted;

- d) do not use our product certification in such a manner as to bring the Certification Division into disrepute and not make any statement regarding our product certification which the Certification Division may consider misleading or unauthorized;
- e) upon suspension or cancellation of certification, discontinue use of all advertising matter that contains any reference thereto and return any certification documents as required by the Certification Division;
- f) use certification only to indicate the products are certified as being in conformity with specified standards;
- g) endeavor to ensure that no certificate or report nor any part thereof is used in a misleading manner;
- h) ensure that any reference to our product certification in communication media such as documents, brochures or advertising, complies with the requirements of the Certification Division;
- i) keep a record of all complaints made known to the us relating to the product's compliance with requirements of the relevant standard and to make these records available to the Certification Division when requested;
- j) take appropriate action with respect to such complaints and any deficiencies found in products or services that affect compliance with the requirements for certification;
- k) document the actions taken.

This authorization is valid until further written notice from the applicant.

Sincerely Yours,

Kee Sung Nam
Director
Samsung Electronics Co., LTD.

REMARK:

1. This authorization letter will be sent along with your application when filing with the Certification Division.

2. Please follow the format and type it on company letterhead and send original to us.