



3/18/2013

Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

To whom it may concern:

Powerwave Technologies, Inc., hereby requests a Permissive Change Class II of the radio equipment certification for the 800MHz Band Remote Radio Head (Model No. LRS08-T5022-100) also called the Samsung Electronics Smart MBS RRH-C2 certification number, FCC ID: A3LSMM-2CD0480800. This product differs from the originally approved product in the following manor:

- (a) Associated digital circuitry. – no changes
- (b) Functional capabilities. – A firmware upgrade to allow operation with mixed-mode modulation in two new modes, viz. 3MHz LTE with CDMA, and 5MHz LTE with CDMA in the same operating band. The stated frequency range of operation remains unchanged. In addition there is an optional external Surge Protection Device (SPD) module add-on to increase the protection of the unit from surges from lightning up to 30kA. This filtering product is connected at the DC input and does not affect the RF performance and cannot generate EMI.
- (c) Antenna Characteristics. – No changes
- (d) Cosmetic differences – The addition of the aforementioned SPD changes the cosmetic appearance of the product. Refer to D880-36093-003; the SPD module is shown on left hand side of product.

I do attest that the Field strength and/or RF Output readings remained the same or are lower than the originally approved product and that they did not increase therefore qualifying this product for this application type.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jeffrey Dale', is written over a light blue horizontal line.

Jeffrey Dale
Principal Engineer – Reliability
Powerwave Technologies, Inc.