

October 19, 1998

Federal Communications Commission
Equipment Approval Services
7435 Oakland Mills Road
Columbia, MD 21046
Attn: Kwok Chan

SUBJECT: SAMSUNG ELECTRONICS CO., LTD.
FCC ID: A3LSCH411
731 Confirmation No.: EA91633
Correspondence ID: 4084
Request for Tech. Info.: 10/16/98

Dear Greg:

Transmitted herewith, on behalf of Samsung Electronics Co., Ltd. is an amendment provided in response to the request for technical information dated October 16, 1998? Please find attached data sheets demonstrating ERP Data compliance to 0.60 Watts (AMPS) and 0.32 Watts (CDMA). Note that this phone is fully programmable and Samsung will adjust these levels to match the 731. Since worst case spurious data has been submitted we only remeasured the ERP at a lower Tx AGC setting.

Also, please find attached the photo demonstrating the distance of the antenna from the phantom. The distance from the outer shell of the helix to the center of the whip antenna is 0.3 cm. and the distance of separation caused by the ear of the phantom is 0.5 cm. Allowing for a worst case thickness of the phantom "skin" at 0.15 gives a total of 2.15 cm. After tilting the phone to meet the requirements of supplement C there is a total displacement of 2.7 cm.

I believe that you may want the distance from the outer shell of the phantom's ear to the outer plastic coating of the helix, which is 1.75 cm. We will use this measurement procedure in future applications.

We trust this information is sufficient for the immediate grant of this application.



Randy Ortanez
President & Chief Engineer

cc: Samsung Electronics Co., Ltd.