

August 5, 2007

RE: FCC ID: BCR-853D125_ATCB005255
Attention: Tom Tidwell

I have a few comments on this Application. Please note that further comments may arise in response to answers provided to the questions below.

1. Please note that the above FCC ID requests grant of certification in the Part 22 cell bands. Please note that the operational description indicates that the device is band selectable and that other than the above mentioned bands may be selected. It appears that the particular band selected determines the model number. The operational description is not clear on this issue. As this is a part 22 only application, the user cannot make the device operate on other than the frequency bands requested. Please explain how this is prevented for this particular model device.
The band of operation is set by the model number the model 853D125 operates only in the Cellular band (824 – 849 MHz / 869 – 894 MHz). This is denoted by the model number 853D, The number 125 in the model designation indicates that the booster has a 12.5 MHz filter width. The filter can be tuned across the cellular band but the user cannot configure the booster to operate outside the cellular band.
2. Please note that as this is a booster/amplifier operating under the license of a base station and can be used in other than a licensed station location (i.e. in buildings etc) rf exposure must be addressed at the time of certification as it cannot be addressed at the time of licensing. Please provide an MPE report for the device. Please also show in the manual rf exposure information.

Please find the requested MPE report. The user manual includes a statement on page 1 warning the installer/user to maintain a 20 cm. separation distance between the antenna and nearby persons. The maximum antenna gain stated in the manual is 12 dBi.

3. Please note that the report calls this device a repeater while other documentation (i.e. 731) calls the device a booster. Please explain, is this device a repeater or a booster?

The device would be classified as a booster according to the FCC Guidance sheet. and the definition in CFR 47, 22.99

4. Please provide separate internal photos of the device as required by the FCC.

Please find a separate file with internal photos.