

To: Joe Dichoso  
FCC Application Processing Branch  
From: Steve Crompton  
Tait Electronics Ltd.

Dear Mr Dichoso,

This covering letter is in response to your e-mail dated 7 May 2001, EA 100054, FCC ID CASTEL0055, correspondence reference number 19136.

Question:

1) The fee still has not been verified. I will forward your last reply to Bette. Please contact her and give her any information at BTAube@fcc.gov.

*Answer: We have been in contact with Bette and this should be resolved by now.*

Question:

2) After additional review, the following RF safety issues need to be resolved. This one is the same as EA 100042, with a shift in operating frequency, 450-520 MHz. Note: MPE limit is a little different when frequency changes. The similar issues for EA 100042, listed below, should apply.

The General population exposure limit applies to bystanders, not occupational limit. The Device needs to operate in an occupational controlled exposure environment so that the user will have control of the separation distance between antenna and bystanders. The measured upper body MPE is exceeding MPE limit, they need to increase the separation distance for the 2.15 dBi antenna and do the measurement again to satisfy compliance.

*Answer: The separation distance has been increased and the measurement repeated. See report 1630AMPE uploaded with this letter.*

Question:

They need to include the occupational restriction language in the RF training info sheet, which should be fully incorporated into the manual.

*Answer: Updated User's Guide is uploaded with this letter.*

Question:

They need to modify the RF exposure label to say, To comply with FCC RF exposure requirements, this device must be restricted for occupational use according to the training information included in the manual. Everything should go into the manual, not a loose info sheet. (Separate sheet allowed only for existing manuals, if applicable)

*Answer: Updated RF exposure label is uploaded with this letter.*

Grant Conditions - Output is at the antenna terminal of the device. This transmitter may operate the two antennas tested for this filing, in vehicle mount configurations. This device must operate at duty factors not exceeding 50% and must satisfy Occupational/Controlled RF exposure requirements. A label, as described in this filing, must be displayed on the device to direct users to specific training information for meeting Occupational Exposure Requirements and users must be provided with the training information.

*Answer: Noted.*

Exhibits:

- RF Exposure Label
- Installation Guide
- MPE report 1630AMPE
- User's Guide

will be up-loaded with this letter.

Best Regards,

Steve Crompton.